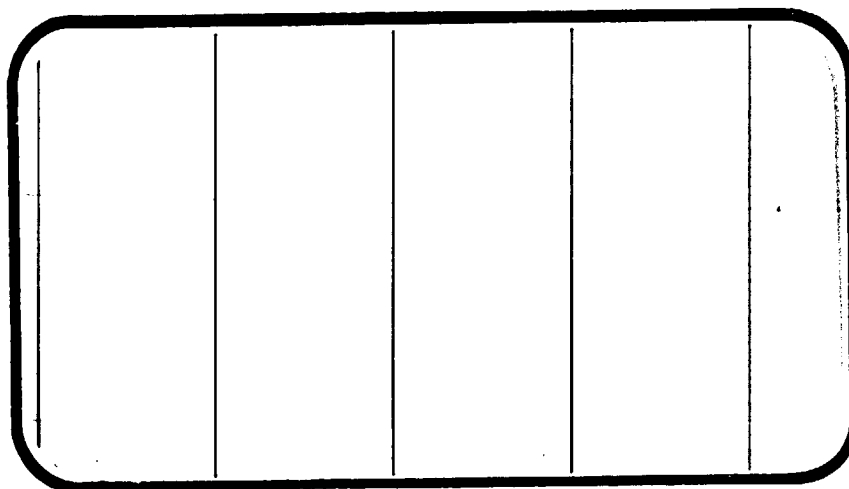




# NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NASA CR-

1441541



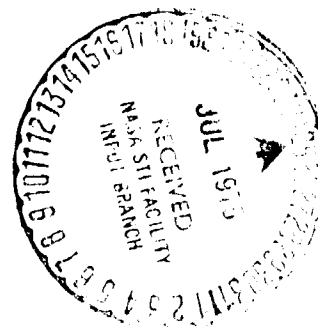
(NASA-CR-141541) AERODYNAMIC RESULTS OF A  
SEPARATION EFFECTS TEST ON A 0.01-SCALE  
MODEL (52-CTS) OF INTEGRATED SSV IN THE  
AEDC/VKF 40-BY-40 INCH SUPERSONIC WIND  
TUNNEL A, VOLUME 1 (Chrysler Corp.) 983 p

N75-28101

Unclas  
G3/18 28793

SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT



JOHNSON SPACE CENTER  
HOUSTON, TEXAS

DATA Management services

SPACE DIVISION



CHRYSLER  
CORPORATION

June, 1975

DMS-DR-2192  
NASA CR-141,541

AERODYNAMIC RESULTS OF A SEPARATION EFFECTS  
TEST (IA87) ON A 0.01-SCALE MODEL (52-OTS) OF  
THE INTEGRATED SSV IN THE AEDC/VKF  
40-BY-40 INCH SUPERSONIC WIND TUNNEL A  
VOLUME 1 of 2

By

J. H. Campbell, II  
Rockwell International Space Division

Prepared under NASA Contract Number NAS9-13247

By

Data Management Services  
Chrysler Corporation Space Division  
New Orleans, La. 70189

for

Engineering Analysis Division

Johnson Space Center  
National Aeronautics and Space Administration  
Houston, Texas



WIND TUNNEL TEST SPECIFICS:

Test Number: AEDC V41A-60A  
NASA Series Number: IA87  
Test Dates: July 18-19, 1974  
Occupancy Hours: 24 (Chargeable)  
Model Number: 52-OTS

FACILITY COORDINATOR:

Larry L. Trimmer  
ARO, Inc.  
VKF/Projects  
Arnold Air Force Station  
Tennessee 37389

Phone: (615) 455-2611, Ext. 7377

AERODYNAMIC ANALYSIS ENGINEERS:

Paul Pearson  
Carl Knudsen  
Rockwell International  
12214 Lakewood Blvd.  
Mail Stop 390/100, AC07  
Downey, California 90241

Phone: (213) 922-4745

PROJECT ENGINEERS:

J. H. Campbell, II  
Rockwell International  
12214 Lakewood Blvd.  
Mail Stop 390/100, AC07  
Downey, California 90241

Phone: (213) 922-4898

Robert Burt  
ARO, Inc.  
VKF/Projects  
Arnold Air Force Station  
Tennessee 37389

Phone: (615) 455-2611  
Ext. 7553

DATA MANAGEMENT SERVICES:

Prepared by: Liaison--D. W. Hersey  
Operations--D. B. Watson

Reviewed by: G. G. McDonald, J. L. Glynn *JB.*

Approved: *W. D. Kemp*  
W. D. Kemp, Manager  
Data Management Services

Concurrence: *J. G. Swider*  
J. G. Swider, Manager  
Flight Technology Branch

Chrysler Corporation Space Division assumes no responsibility for the data presented other than display characteristics.

AERODYNAMIC RESULTS OF A SEPARATION EFFECTS  
TEST (IAE7) ON A 0.01-SCALE MODEL (52-OTS)  
OF THE INTEGRATED SSV IN THE AEDC/VKF  
40-BY-40 INCH SUPERSONIC WIND TUNNEL A

By J. H. Campbell, II, Rockwell International Space Division

ABSTRACT

Experimental aerodynamic investigations were conducted, during the period July 18-19, 1974, in the AEDC/VKF Tunnel A facility on a 0.01-scale model (52-OTS) of the integrated Space Shuttle Vehicle, including only one SRB. The purpose of the investigation was to obtain data for close-in proximity (SRB to Orbiter/Tank) effects with the Orbiter/Tank combination at relatively high  $\alpha$  and  $\beta$  attitudes, and with the SRB separation motors off.

The AEDC Captive Trajectory System (CTS), which supported the SRB, was used in conjunction with the tunnel primary sector (supporting the Orbiter/Tank) to obtain "grid" type separation effects data. The one symmetrical SRB model was used interchangeably to obtain both right-hand and left-hand SRB data.

Free-stream data were also obtained for the Orbiter/Tank and for the SRB. This data was used to provide baselines for proximity effects.

The entire investigation was conducted at a free-stream Mach number of 4.5 with unit Reynolds number ranging from 4.0 to 6.5 million per foot.

## TABLE OF CONTENTS

	Page
ABSTRACT	iii
INDEX OF MODEL FIGURES	2
INDEX OF DATA FIGURES	3
NOMENCLATURE	6
INTRODUCTION	11
CONFIGURATIONS INVESTIGATED	12
TEST FACILITY DESCRIPTION	15
DATA REDUCTION	15
TABLES	
I.    TEST CONDITIONS	17
II.   DATA SET/RUN NUMBER COLLATION SUMMARY	18
III.  MODEL DIMENSIONAL DATA	39
FIGURES	
MODEL	61
DATA	71
APPENDIX (SEE VOLUME 2)	
TABULATED SOURCE DATA	

PRECEDING PAGE BLANK NOT FILMED

# INDEX OF MODEL FIGURES

Figure	Title	Page
1	Axis Systems	61
2	Model Sketches	
	a. Integrated Vehicle Configuration	62
	b. SRB Separation Geometry	63
	c. External Tank (T <sub>20</sub> ) Protrusions	64
	d. AEDC von Karman Gas Dynamic Facility Tunnel A	65
	e. Artist's Conception of the VKF/CTS Installed In Tunnel A	66
	f. Artist's Conception of the VKF/CTS With Roll-Pitch-Yaw Support	67
3	Installation Photographs	
	a. Side View	68
	b. Front Quarter View	69
	c. Rear Quarter View	70

# INDEX OF DATA FIGURES

FIGURE	TITLE	SCHEDULE OF COEFFICIENTS	VARYING CONDITIONS	PAGES
4	RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = -.4, BETA = 0)	(A)	(B)	1-36
5	RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = -5.7, BETA = 0)	(A)	(B)	37-72
6	RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = 10.3, BETA = 0)	(A)	(B)	73-108
7	RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = 0, BETA = 5.4)	(A)	(B)	109-144
8	RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = 0, BETA = 10.9)	(A)	(B)	145-180
9	RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = -5.9, BETA = 10.8)	(A)	(B)	181-208
10	RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = 10.2, BETA = 11.0)	(A)	(B)	209-252
11	RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = 10.0, BETA = 15.8)	(A)	(B)	253-304
12	RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = -5, BETA = 15.7)	(A)	(B)	305-372
13	LEFT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = -.4, BETA = 0)	(A)	(B)	373-396
14	LEFT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = -.4, BETA = 5.4)	(A)	(B)	397-420

# INDEX OF DATA FIGURES (Continued)

FIGURE	TITLE	SCHEDULE OF COEFFICIENTS	VARYING CONDITIONS	PAGES
15	LEFT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = -.5, BETA = 10.9)	(A)	(B)	421-444
16	LEFT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = 5.9, BETA = 10.8)	(A)	(B)	445-464
17	LEFT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = 10.2, BETA = 11.0)	(A)	(B)	465-488
18	LEFT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = 10.6, BETA = 15.8)	(A)	(B)	489-508
19	LEFT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA = -.5, BETA = 15.7)	(A)	(B)	509-528
20	O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA = -.4, BETA = 0)	(A)	(B)	529-564
21	O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA = -5.7, BETA = 0)	(A)	(B)	565-600
22	O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA = 10.3, BETA = 0)	(A)	(B)	601-636
23	O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA = 0, BETA = 5.4)	(A)	(B)	637-672
24	O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA = 0, BETA = 10.9)	(A)	(B)	673-708
25	O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA = -5.9, BETA = 10.8)	(A)	(B)	709-744

# INDEX OF DATA FIGURES (Concluded)

FIGURE	TITLE	SCHEDULE OF COEFFICIENTS	VARYING CONDITIONS	PAGES
26	O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA = 10.2, BETA = 11.0)	(A)	(B)	745-780
27	O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA = 10.0, BETA = 15.8)	(A)	(B)	781-832
28	O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA = -5, BETA = 15.7)	(A)	(B)	833-900

## SCHEDULE OF COEFFICIENTS PLOTTED:

(A) = CN, CA, CLM, CY, CYN, CBL

## VARYING CONDITIONS:

(B) = DALPHA, DBETA, X, Y

# NOMENCLATURE

SYMBOL	AEDC TAB DATA SYMBOL	PLOT SYMBOL	DEFINITION
$\delta_a$	AILRON	AILRON	ailron deflection angle, degrees
$\alpha_{SRB}$	ALP-B	ALPHA	SRB angle of attack. ALPHA = plot symbol for SRB isolated tests only; $\alpha_{SRB} = \alpha_{O/ET} + \Delta\alpha$ for all other data sets, degrees
$\alpha_{O/T}$	ALP-O/T	ALPHA	orbiter/tank angle of attack. All source data are presented as a function of $\alpha_{O/T}$ except for isolated tests of the SRB; $\alpha_{SRB} = \alpha_{O/ET} + \Delta\alpha$ for all other data sets, degrees
$\beta_{SRB}$	BETA-B	BETA	SRB angle of sideslip. BETA = plot symbol for SRB isolated tests only; $\beta_{SRB} = \beta_{O/T} + \Delta\alpha$ for all other data sets, degrees
$\beta_{O/T}$	BETA-O/T	BETA	orbiter/tank angle of sideslip. All source data are presented as a function of $\alpha_{O/T}$ except for isolated tests of SRB; $\alpha_{SRB} = \alpha_{O/T} + \Delta\alpha$ for all other data sets, degrees
$\delta_{BF}$	BDFLAP	BDFLAP	body flap deflection angle, degrees
$C_A$	CAT	CA	axial-force-coefficient (excluding base and sting/balance cavity pressure adjustments, axial-force/ $q_\infty S$ )
$C_n$	CLN	CYN	yawing-moment coefficient, yawing-moment/ $q_\infty S b_w$
$C_l$	CLL	CBL	rolling-moment coefficient, rolling-moment/ $q_\infty S b_w$
$C_m$	CM	CLM	pitching-moment coefficient, pitching moment/ $q_\infty S \bar{c}$



# NOMENCLATURE (Continued)

SYMBOL	AEDC TAB DATA SYMBOL	PLOT SYMBOL	DEFINITION
$C_N$	CN	CN	normal-force coefficient, normal-force/ $q_\infty S$
$C_{pb1}$	CPB1	CPB1	number one orbiter base pressure coefficient, $(P_{b1} - P_\infty)/q_\infty$
$C_{pb2}$	CPB2	CPB2	number two orbiter base pressure coefficient, $(P_{b2} - P_\infty)/q_\infty$
$C_{pc}$	CPC	CPC	sting/balance cavity pressure coefficient $(P_c - P_\infty)/q_\infty$
$\Delta\alpha$	DEL-ALP	DALPHA	parameter name for the nominal alpha difference between O/T and SRB, degrees. ( $\Delta\alpha = \alpha_{SRB} - \alpha_{O/T}$ )
$\Delta\alpha$	DEL-ALP	DLTALF	coefficient name for alpha difference between O/T and SRB, degrees. ( $\Delta\alpha = \alpha_{SRB} - \alpha_{O/T}$ )
$\Delta\beta$	DEL-BETA	DBETA	parameter name for nominal beta difference between O/T and SRB, degrees. ( $\Delta\beta = \beta_{SRB} - \beta_{O/T}$ )
$\Delta\beta$	DEL-BETA	DLTBTA	coefficient name for the beta difference between O/T and SRB, degrees. ( $\Delta\beta = \beta_{SRB} - \beta_{O/T}$ )
$\Delta\phi$	DEL-PHI		coefficient name for the roll angle difference between O/T and SRB, degrees. ( $\Delta\phi = \phi_{SRB} - \phi_{O/T}$ )
$\delta_e$	ELEVTR	ELEVTR	elevon deflection angle, degrees
Run No.	GROUP	RUN	test run sequence number
$\bar{c}$	L1	LREF	reference MAC, inches

# NOMENCLATURE (Continued)

<u>SYMBOL</u>	<u>AEDC TAB DATA SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
$b_w$	L2	BREF	reference wing span, inches
$l_{ref}$	LM	LREF	reference length for non dimensional- izing the pitch and yaw center of pres- sure calculations, inches
$M_\infty$	MACH	MACH	freestream Mach numbers
	NCP/L	NCP/L	non-dimensionalized center-of pressure location in the normal-force plane, (length from model nose to center-of- pressure)/ $l_{ref}$
$P_{b1}/P_\infty$	PB1/P8	PB1/P	number one base pressure ratio
$P_{b2}/P_\infty$	PB2/P8	PB2/P	number two base pressure ratio
$P_c/P_\infty$	PC/P8	PC/P	stir. i/balance cavity pressure ratio
$\phi_{SRB}$	PHI-B		roll orientation of SRB in the tunnel, degrees
$\phi_{O/T}$	PHI-O/T	RHO	roll orientation of orbiter/tank in the tunnel, degrees
$P_{t_\infty}$	P0,PSIA	PTOTL	freestream total pressure, psia
$P_\infty$	P8,PSIA	P	freestream static pressure, psia
$q_\infty$	Q8,PSI	Q(PSI)	freestream dynamic pressure, psi
$R/2$	RE/FT	RN/L	freestream unit Reynolds number $\times 10^{-6}$ , per foot
$\delta_r$	RUDDER	RUDDER	rudder deflection angle, degrees
$S_w$	S	SREF	reference wing area, ft <sup>2</sup>
$\delta_{SB}$	SPDBRK	SPDBRK	speed brake flare angle, degrees

# NOMENCLATURE (Continued)

SYMBOL	AEDC TAB DATA SYMBOL	PLOT SYMBOL	DEFINITION
$T_{t,\infty}$	TO,R	TTOTL	freestream total temperature, °R
$T_\infty$	TS,R	T	freestream static temperature, °R
	W		model weight, lbs
	X		longitudinal distance from the model weight cg to the forward moment gage of the balance, inches
	XT		longitudinal distance from the balance forward moment gage to the MRC, inches
$\Delta X$	X, IN.	X	longitudinal distance from SRB nose in mated position to SRB nose in displaced position, positive aft along O/ET longitudinal axis, inches
		XMRP	X station of the MRC (tank station, $X_T$ , is listed in the DATAMAN plots for the orbiter/tank combination), inches
	Y		lateral distance from the model weight cg to the centerline of the balance
	YCP/L	YCP/L	non-dimensionalized center-of-pressure location in the side-force plane, (length from model nose to center-of-pressure)/ $l_{ref}$
	YT		lateral distance from the balance centerline to the MRC, inches
$\Delta Y$	Y, IN.	Y	lateral distance from SRB nose in mated position to SRB nose in displaced position, positive along O/ET starboard axis, inches

# NOMENCLATURE (Concluded)

<u>SYMBOL</u>	<u>AEDC TAB DATA SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
$\Delta Y_C$	YC, IN.	Y	same as Y above, except orbiter/tank roll is accounted for (this is the Y referred to on the DATAMAN plots), inches
		YMRP	Y station of the MRC (tank station, $Y_T$ , is listed in the DATAMAN plots for the Orbiter/Tank combination), inches
	Z		vertical distance from the model weight cg to the centerline of the balance, inches
	ZT		vertical distance from the balance centerline to the MRC, inches
$\Delta Z$	Z, IN.	Z	vertical distance from SRB nose in mated position to SRB nose in displaced position, positive downward along the O/ET vertical axis, inches
		ZMRP	Z station of the MRC (tank station, $Z_T$ , is listed in the DATAMAN plots for the Orbiter/Tank combination), inches

## INTRODUCTION

The integrated Space Shuttle Vehicle consists of four components: Orbiter, External Oxygen-Hydrogen Tank and two Solid Rocket Booster Motors. During the launch sequence, at an altitude of 140,000 ft. and Mach number 4.5, the SRB's are separated from the Orbiter/Tank combination. The objective of this test (IA87) was to determine the interacting aerodynamic forces on the various components during this phase of the launch sequence. The data obtained is to be used for determination of separation motors sizing and placement to ensure safe separation trajectories.

Isolated data were obtained for both Orbiter/Tank combination and the SRB. The Orbiter/Tank data were obtained at the following discrete attitudes:  $\alpha = -5^\circ, 0^\circ, 10^\circ$  at  $\beta = 0^\circ$  and  $10^\circ$ ;  $\alpha = 0^\circ$  at  $\beta = 5^\circ$ ;  $\alpha = 0^\circ$  and  $10^\circ$  at  $\beta = 15^\circ$ .

Isolated SRB data were obtained for  $\alpha$  values of -5, 0, 5, 10, 15, and 20 degrees at  $\beta = 0$  degrees.

At each of the attitudes noted above for Orbiter/Tank, right-hand SRB separation data were obtained for the following matrix of SRB attitudes and displacements with respect to the Orbiter/Tank:

<u><math>\Delta\alpha(^{\circ})</math></u>	<u><math>\Delta\beta(^{\circ})</math></u>	<u>X(in f.s.)</u>	<u>Y(in f.s.)</u>	<u>Z(in f.s.)</u>
-5, 0, 5	-8, -4, 0	0,300	10,100,200,400	-100,0,100,200,400

At each of the attitudes noted above for the Orbiter/Tank - with the exception of the three  $\beta = 0$  degrees attitudes - left-hand SRB separation data were obtained for the following matrix of SRB attitudes and displacements with respect to the Orbiter/Tank:

<u><math>\Delta\alpha(^{\circ})</math></u>	<u><math>\Delta\beta(^{\circ})</math></u>	<u>X(in f.s.)</u>	<u>Y(in f.s.)</u>	<u>Z(in f.s.)</u>
-5, 0, 5	0, 4, 8	0,300	-400, -200, -100, 0	-100, 0, 100, 200, 400

$\Delta\alpha$  and  $\Delta\beta$  are in degrees and X, Y, Z are in inches full scale. Refer to Nomenclature section and Figure 2 for definitions and schematic descriptions of the parameters.

#### CONFIGURATIONS INVESTIGATED

The 0.01-scale 52-OTS model consisted of an Orbiter, Tank and one SRB. Full scale tank protrusions and Tank-to-Orbiter attach hardware were simulated. Refer to Figure 3. Neither the tank nose lightning rod nor SRB-to-Tank attach hardware were simulated. The SRB model was symmetrical, without separation motors shrouds, and was used interchangeably for either the left-hand or right-hand booster.

The Orbiter/Tank combination was mounted on the AEDC 0.85-inch diameter 4.00-Y-36-049 six-component internal strain gage force-moment balance. The balance was located in the Orbiter model. This, in turn, was sting mounted, inverted, on the tunnel primary sector.

The SRB was mounted on the AEDC 0.65-inch diameter 4.06-Y-36-020 balance. This, in turn, was mounted inverted on the CTS.

The entire test was conducted with all Orbiter control surfaces set at their null positions.

The components of each model are described below. Note that the Orbiter-to-Tank attach hardware is considered a part of the Tank model.

Orbiter  $O_1 = B_{19} C_7 E_{23} F_5 M_4 N_8 R_5 V_7 W_{107}$

<u>Component</u>	<u>Description</u>
$B_{19}$	Fuselage per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
$C_7$	Canopy per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
$E_{23}$	Elevons per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
$F_5$	Body flap per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
$M_4$	Orbital maneuvering system per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
$N_8$	OMS engine nozzles per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)
$R_5$	Rudder per Rockwell lines VL70-000139B and VL70-000095 (Model drawing SS-A01182, Release 7)
$V_7$	Vertical tail per Rockwell lines VL70-000139B and VL70-000095 (Model drawing SS-A01182, Release 7)
$W_{107}$	Wing per Rockwell lines VL70-000139B (Model drawing SS-A01182, Release 7)

Tank  $ET_1 = T_{20} AT_{16} AT_{17} AT_{18} FL_5 FL_6 FL_9 FR_6 PT_{13} PT_{14} PT_{20}$

<u>Component</u>	<u>Description</u>
$T_{20}$	External oxygen-hydrogen tank per Rockwell lines VL72-000131 and VL78-000062B (Model drawing SS-A00117, Release 4)

<u>Component</u>	<u>Description</u>
AT <sub>16</sub>	Forward orbiter/ET attach structure per Rockwell lines VL78-000062B, SK-H-4011 (Model drawing SS-A00117, Release 4)
AT <sub>17</sub>	Left rear orbiter (ET attach structure per Rockwell lines SK-H-4013 (Model drawing SS-A00117, Release 4)
AT <sub>18</sub>	Right rear orbiter/ET attach structure per Rockwell lines VL78-000062B, SK-H-4013 (Model drawing SS-A00117, Release 4)
FL <sub>5</sub>	LOX feed lines per Rockwell lines VL78-000062A (Model drawing SS-A00117, Release 4)
FL <sub>6</sub>	LH <sub>2</sub> pressure line per Rockwell lines VL78-000062B (Model drawing SS-A00117, Release 4)
FL <sub>9</sub>	LH <sub>2</sub> umbilical feed line with an electrical quick disconnect box between the orbiter and ET per Rockwell lines VL78-000062B (Model drawing SS-A00117, Release 4)
FR <sub>6</sub>	Umbilical door fairing support per Rockwell lines VL78-000062B, VL78-000050 (Model drawing SS-A00117, Release 4)
PT <sub>13</sub>	LOX recirculation line for Rockwell lines VL78-000062B (Model drawing SS-A00117, Release 4)
PT <sub>14</sub>	LOX pressure line per Rockwell lines VL78-000062B (Model drawing SS-A00117, Release 4)
PT <sub>20</sub>	LOX pressure lines and electrical conduit located on nose cone per Rockwell lines VL78-000062B (Model drawing SS-A00117, Release 4)
Solid Rocket Booster	SRBL1 = S <sub>18</sub> PS <sub>7</sub> (used as left SRB) SRBR1 = S <sub>18</sub> PS <sub>7</sub> (used as right SRB)
S <sub>18</sub>	Booster Solid Rocket Motor per Rockwell lines VL77-000066 (Model drawing SS-A01308, Release 1)
PS <sub>7</sub>	SRB ring structures at X <sub>B</sub> 1505, 1517 and 1852 per Rockwell lines VL77-000066 (Model drawing SS-A01308, Release 1)



## TEST FACILITY DESCRIPTION

The AEDC von Karman Facility (VKF) Tunnel A is a 40-X-40 inch, continuous, closed circuit, variable density wind tunnel with a Mach number capability of 1.5 to 6.0. Stagnation pressure ranges from a minimum of 1.5 psia at Mach 1.5 up to 200 psia maximum at Mach 6. The stagnation temperature ranges from 70 to 290°F. The tunnel throat has flexible top and bottom walls which are moved automatically by electrically driven screw jacks. Refer to Figure 2c. A detailed description of the facility may be found in the Test Facilities Handbook\*.

## DATA REDUCTION

Six component force and moment data were obtained for the Orbiter/Tank combination (R data) and for the one symmetrical booster model (A data). In addition, for the Orbiter/Tank combination, two base and one sting/balance cavity pressure were recorded. These pressures were located at the base of the Orbiter. The booster had only one cavity pressure.

All force and moment data were reduced to coefficient form in the body-axis system using standard AEDC data reduction procedures. No base or cavity pressure force adjustments were made to the force and moment data.

The following array depicts the reference dimensions to which the aerodynamic coefficients are applicable.

# DATA REDUCTION (Concluded)

REF DIM	DATA SET	ATU001 through ATU311	RTU001 through RTU314
SREF		2690 sq. ft.	2690 sq. ft.
LREF		1290.3 in.	1290.3 in.
BREF		1290.3 in.	1290.3 in.
XMRP		1258.5 in. XS	1097.0 in. XT
YMRP		0.0 in. YS	0.0 in. YT
ZMRP		400.0 in. ZS	450.0 in. ZT
SCALE		.01	.01

All calculated angles and displacements included corrections for sting/balance deflections in the normal and side force planes. In addition the Y (lateral) displacement was adjusted for the lateral deflection of the Tank due to roll about the Orbiter/Tank balance. The actual roll angle was very small; however, the lateral displacement affected by the roll was significant.

\* Test Facilities Handbook (Ninth Edition) von Karman Gas Dynamics Facility, Vol. 3, Arnold Engineering Development Center, July 1971.

TABLE I.

[illegible]

TABLE II.

TEST: 1A87		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: POST TEST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
DATA SET IDENTIFIER	CONFIGURATION	SCHED.		PARAMETERS/VALUES		NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)										TEST RUN NUMBERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		A	B	M <sub>∞</sub>	P <sub>∞</sub>		P <sub>∞</sub> + P <sub>∞</sub>	Δα	Δβ	ΔX	ΔZ	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY	ΔY

COEFFICIENTS  
 SCHEDULES  
 A) A = -100, 0, 100, 200, 400 at 400, 200, 100, 0, -100  
 B = 0, 100, 200, 400 at 400, 200, 100, 0

NOTES: 1) ΔX, ΔY AND ΔZ ARE IN INCHES FULLSCALE.  
 2) ALL ORBITER CONTROL SURFACES SET AT 0-DEGREE DEFLECTION.  
 3) CORRESPONDING SAB DATASETS ARE ATU-XXX

**TABLE II. - Continued**

TEST : IAB7

DATE : 2025-10-27

TABLE 11 - COLLATION SUMMARY

DATA SET IDENTIFIER	CONFIGURATION	SCHD. PARAMETERS/VALUES			NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)							TEST RUN NUMBERS																			
		$\alpha$	$\beta$	$M_{\infty}$		$P_{r,n}$	$P_{s,n}$	$\Delta X$	$\Delta \beta$	$\Delta X$	$\Delta Z$	$\Delta Y$	-100	-200	-300																	
ATU-019	OJET, SRBLI	0.4	0.0	4.52	100.5				0.0	0.0	0	A	59	58	57	56																
-020									Y		300		60	61	62	63																
-021									5.0		Y		67	66	65	64																
-022									Y		0	Y	68	69	70	71																
-023									-5.0		Y	B		74	73	72																
-024									Y		300	C	75	76	77	78																
-025									0.0	4.0	0	A		81	80	79																
-026									Y		300			82	83	84																
-027									5.0		Y			87	86	85																
-028									Y		0	Y		88	89	90																
-029									-5.0		Y	B, 100		93*	92	91																
-030									Y		300	C		94	95	96																
-031									0.0	8.0	0	A			98	97																
-032									Y		300			99	100																	
-033									5.0		Y			102	101																	
-034									Y		0	Y		103	104																	
-035									-5.0		Y	B, D		106*	105																	
Y -036	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	300	C		107	108																	
																		75	76													
																		55	61	67												
																		COEFFICIENTS														
																		IDVAR (1) IDVAR (2) NDV														
																		A = -100, 0, 100, 200, 400 or 400, 200, 100, C = 100 B = 0, 100, 200, 400 or 400, 200, 100, 0														
																		C = 100, 200, 400 or 400, 200, 100 D = 200, 400 or 400, 200														

NOTES: 1) ZX, AY AND AZ ARE IN INCHES FULL SCALE  
2) ALL GROUND CONTROL SURFACES SET AT C - DEGREE DEFLECTION.  
3) CORRESPONDING SSB DATASETS ARE AT4 - KXX.

TABLE II. - Continued

TEST: 1487		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: POST TEST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES		NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)						TEST RUN NUMBERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		A	B	Mach	P <sub>static</sub>		ΔX	ΔY	ΔZ	ΔX	ΔY	ΔZ	100	200	300	400																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
ATU-037	O <sub>1</sub> /ET <sub>1</sub> , SRB/R1	-57	0.0	4.52	90.2		0.0	0.0	0	A	112	111	110	109																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</

NOTES: 1) AX, AY AND AZ ARE IN INCHES FULLSCALE  
 2) ALL ORBITOR CONTROL SURFACES SET AT 0-DEGREE DEFLECTION  
 3) CORRESPONDING SRB DATASETS ARE ATU-XXX

TABLE II. - Continued

TEST: 1A87

DATE: 8-27-78

DATA SET RUN NUMBER COLLATION SUMMARY

DATA SET IDENTIFIER

RTU-055

-056

-057

-058

-059

-060

-061

-062

-063

-064

CONFIGURATION

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

SCHD.

0

1

2

3

4

5

6

7

8

9

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

PARAMETERS/VALUES

M<sub>0</sub>

4.52

P<sub>200</sub>

9.02

NO. OF RUNS

1

MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)

ΔX

5.0

Δβ

-4.0

ΔX

300

ΔZ

A

ΔX

0

ΔZ

C

ΔX

-5.0

Δβ

1

ΔX

300

ΔZ

B

ΔX

0

ΔZ

A

ΔX

300

ΔZ

1

ΔX

5.0

Δβ

1

ΔX

0

ΔZ

1

ΔX

300

ΔZ

1

ΔX

-5.0

Δβ

1

ΔX

300

ΔZ

1

TEST RUN NUMBERS

100

161

165

166

171

172

175

176

179

180

183

COEFFICIENTS

A = -100, 5, 100, 200, 400 or 400, 200, 100, 0, -100

B = 100, 200, 400 or 400, 200, 100

SCHEDULES

0 OR 8

10VAR (1)

10VAR (2)

NOV

NOTE: 1) X AND Y ARE IN INCHES FLUSSAGE  
2) ALL EXISTING CONTROL SURFACES SET AT 0-DEGREE DEFLECTION  
3) CORRESPONDING SPB DATASETS ARE ATU XXX

TABLE II. - Continued

TEST: 1A87		DATA SET/RUN NUMBER COLLATION SUMMARY												DATE: 10ST TEST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
DATA SET IDENTIFIER	CONFIGURATION	SCND. PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)												TEST RUN NUMBERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		G	B	M	P		AX	AY	AX	AY	AX	AY	AX	AY	AX	AY	AX	AY	AX	AY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
R70-065	01/ET, SRBR1	103	0	4.52	902		0.0	0.0	0	A	188	187	180	300	480																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

NOTES: 1) AX, AY AND AZ ARE IN INCHES FULLSCALE  
 2) ALL OF BITTER CONTRA SURFACES SET AT 0-DEGREE DEFLECTION  
 3) CORRESPONDING SURFACES ARE ATU-XXX



TABLE II. - Continued

TEST: 2A87		DATA SET RUN NUMBER COLLATION SUMMARY										DATE: 05/07/77	
DATA SET IDENTIFIER	CONFIGURATION	SCHD		PARAMETERS/VALUES			NO. OF RUNS	MATH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)					TEST RUN NUMBERS
		A	B	Y <sub>10</sub>	P <sub>10</sub>	P <sub>10</sub> + P <sub>10</sub>		A <sub>1</sub> X	A <sub>2</sub> X	A <sub>3</sub> X	A <sub>4</sub> X	A <sub>5</sub> X	
PTU-083	C, ET, SPBR1	0.454	4.52	7.22				0.0	0.0	0.0	0	243 242 241 240	430
-154								1			300	244 245 246 247	
-155								5.0				251 250 249 248	
-156								1			0	252 253 254 255	
-157								-5.0				259 258 257 256	
-158								1			300	260 261 262 263	
-159								0.0	-1.0	0	A	266 265 264	
-160								1			300	267 268 269	
-161								5.0				272 271 270	
-162								1			0	273 274 275	
-163								-5.0				278 277 276	
-164								1			300	279 280 281	
-165								0.0	-5.0	0	A	283 282	
-166								1			300	284 285	
-167								0.0				286 287	
-168								1			0	288 289	
-169								-5.0				291 290	
-170								1			300	292 293	

A C B  
 SCHEDULES  
 1) A = 100, 200, 400, 800, 1600, 3200, 6400, 12800, 25600, 51200, 102400, 204800, 409600, 819200, 1638400, 3276800, 6553600, 13107200, 26214400, 52428800, 104857600, 209715200, 419430400, 838860800, 1677721600, 3355443200, 6710886400, 13421772800, 26843545600, 53687091200, 107374182400, 214748364800, 429496729600, 858993459200, 1717986918400, 3435973836800, 6871947673600, 13743895347200, 27487790694400, 54975581388800, 109951162777600, 219902325555200, 439804651110400, 879609302220800, 1759218604441600, 3518437208883200, 7036874417766400, 14073748835532800, 28147497671065600, 56294995342131200, 112589990684262400, 225179981368524800, 450359962737049600, 900719925474099200, 1801439850948198400, 3602879701896396800, 7205759403792793600, 14411518807585587200, 28823037615171174400, 57646075230342348800, 115292150460684697600, 230584300921369395200, 461168601842738790400, 922337203685477580800, 1844674407370955161600, 3689348814741910323200, 7378697629483820646400, 14757395258967641292800, 29514790517935282585600, 59029581035870565171200, 118059162071741130342400, 236118324143482260684800, 472236648286964521369600, 944473296573929042739200, 1888946593147858085478400, 3777893186295716170956800, 7555786372591432341913600, 15111572745182864683827200, 30223145490365729367654400, 60446290980731458735308800, 120892581961462917470617600, 241785163922925834941235200, 483570327845851669882470400, 967140655691703339764940800, 1934281311383406679529881600, 3868562622766813359059763200, 7737125245533626718119526400, 15474250491067253436239052800, 30948500982134506872478105600, 61897001964269013744956211200, 123794003928538027489912422400, 247588007857076054979824844800, 495176015714152109959649689600, 990352031428304219919299379200, 1980704062856608439838598758400, 3961408125713216879677197516800, 7922816251426433759354395033600, 15845632502852867518708790067200, 31691265005705735037417580134400, 63382530011411470074835160268800, 126765060022822940149670320537600, 253530120045645880299340641075200, 507060240091291760598681282150400, 1014120480182583521197362564300800, 2028240960365167042394725128601600, 4056481920730334084789450257203200, 8112963841460668169578900514406400, 16225927682921336339157801028812800, 32451855365842672678315602057625600, 64903710731685345356631204115251200, 129807421463370690713262408230502400, 259614842926741381426524816461004800, 519229685853482762853049632922009600, 1038459371706965525706099265844019200, 2076918743413931051412198531688038400, 4153837486827862102824397063376076800, 8307674973655724205648794126752153600, 16615349947311448411297588253504307200, 33230699894622896822595176507008614400, 66461399789245793645190353014017228800, 132922799578491587290380706028034457600, 265845599156983174580761412056068915200, 531691198313966349161522824112137830400, 1063382396627932698323045648224275660800, 2126764793255865396646091296448551321600, 4253529586511730793292182592897102643200, 8507059173023461586584365185794205286400, 17014118346046923173168730371588410572800, 34028236692093846346337460743176821145600, 68056473384187692692674921486353642291200, 136112946768375385385349842972707284582400, 272225893536750770770699685945414569164800, 544451787073501541541399371890829138329600, 1088903574147003083082798743781658276659200, 2177807148294006166165597487563316553318400, 4355614296588012332331194975126633106636800, 8711228593176024664662389950253266213273600, 17422457186352049329324779900506532426547200, 34844914372704098658649559801013064853094400, 69689828745408197317299119602026129706188800, 139379657490816394634598239204052259412377600, 278759314981632789269196478408104518824755200, 557518629963265578538392956816209037649510400, 1115037259926531157076785913632418075299020800, 2230074519853062314153571827264836150598041600, 4460149039706124628307143654529672301196083200, 8920298079412249256614287309059344602392166400, 17840596158824498513228574618118689204784332800, 35681192317648997026457149236237378409568665600, 71362384635297994052914298472474756819137331200, 142724769270595988105828596944949513638274662400, 285449538541191976211657193889899027276549324800, 570899077082383952423314387779798054553098649600, 1141798154164767904846628775559596109106197299200, 2283596308329535809693257551119192218212394598400, 4567192616659071619386515102238384436424789196800, 9134385233318143238773030204476768872849578393600, 18268770466636286477546060408953537745699156787200, 36537540933272572955092120817907075491398313574400, 73075081866545145910184241635814150982796627148800, 146150163733090291820368483271628301965593254297600, 292300327466180583640736966543256603931186508595200, 584600654932361167281473933086513207862373017190400, 1169201309864722334562947866173026415724746034380800, 2338402619729444669125895732346052831449492068761600, 4676805239458889338251791464692105662898984137523200, 9353610478917778676503582929384211325797968275046400, 18707220957835557353007165858768422651595936550092800, 37414441915671114706014331717536845303191873100185600, 74828883831342229412028663435073690606383746200371200, 149657767662684458824057326870147381212767492400742400, 299315535325368917648114653740294762425534984801484800, 598631070650737835296229307480589524851069969602969600, 1197262141301475670592458614961179049702139939205939200, 2394524282602951341184917229922358099404279878411878400, 4789048565205902682369834459844716198808559756823756800, 9578097130411805364739668919689432397617119513647513600, 19156194260823610729479337839378864795234239027295027200, 38312388521647221458958675678757729590468478054590054400, 76624777043294442917917351357515459180936956109180108800, 153249554086588885835834702715030918361873912218360217600, 306499108173177771671669405430061836723747824436720435200, 612998216346355543343338810860123673447495648873440870400, 1225996432692711086686677621720247346894991297746881740800, 2451992865385422173373355243440494693789982595493763481600, 4903985730770844346746710486880989387579965190987526963200, 9807971461541688693493420973761978775159930381975053926400, 19615942923083377386986841947523957550319860763950107852800, 39231885846166754773973683895047915100639721527900215705600, 78463771692333509547947367790095830201279443055800431411200, 156927543384667019095894735580191660402558886111600862822400, 313855086769334038191789471160383320805117772223201725444800, 627710173538668076383578942320766641610235544446403450889600, 1255420347077336152767157884641533283220471088892806901779200, 2510840694154672305534315769283066566440942177785613803558400, 5021681388309344611068631538566133132881884355571227607116800, 10043362776618689222137263077132266265763768711142455214233600, 20086725553237378444274526154264532531527537422284910428467200, 40173451106474756888549052308529065063055074844569820856934400, 80346902212949513777098104617058130126110149689139641713868800, 160693804425899027554196209234116260252220299378279283427737600, 321387608851798055108392418468232520504440598756558566855475200, 642775217703596110216784836936465041008881197513117133710950400, 1285550435407192220433569673872930082017762395026234267421900800, 2571100870814384440867139347745860164035524790052468534843801600, 5142201741628768881734278695491720328071049580104937069687603200, 10284403483257537763468557390983440656142099160209874139375206400, 20568806966515075526937114781966881312284198320419748278750412800, 41137613933030151053874229563933762624568396640839496557500825600, 82275227866060302107748459127867525249136793281678993115001651200, 164550455732120604215496918255735050498273586563357986230003302400, 329100911464241208430993836511470100996547173126715972460006604800, 658201822928482416861987673022940201993094346253431944920013209600, 1316403645856964833723975346045880403986188692506863889840026419200, 2632807291713929667447950692091760807972377385013727779680052838400, 5265614583427859334895901384183521615944754770027455559360105676800, 10531229166855718669791802768367043231889509540054911118720211353600, 21062458333711437339583605536734086463779019080109822237440422707200, 42124916667422874679167211073468172927558038160219644474880845414400, 84249833334845749358334422146936345855116076320439288949761690828800, 168499666669691498716668844293872691710232152640878577899523381657600, 336999333339382997433337688587745383420464305281757155799046763315200, 673998666678765994866675377175490766840928610563514311598093526630400, 1347997333357531989733350754350981533681857221127028623196187053260800, 2695994666715063979466701508701963067363714442254057246392374106521600, 5391989333430127958933403017403926134727428884508114492784748213043200, 10783978666860255917866806034807852269454857769016228985569496426086400, 21567957333720511835733612069615704538909715538032457971138992852172800, 43135914667441023671467224139231409077819431076064915942277985704345600, 86271829334882047342934448278462818155638862152129831884555971408691200, 172543658669764094685868896556925636311277724304259663769111942817382400, 345087317339528189371737793113851272622555448608519327538223885634764800, 690174634679056378743475586227702545245110897217038655076447771269529600, 1380349269358112757486951172455405090490221794434077310152895542539059200, 2760698538716225514973902344910810180980443588868154620305791085078118400, 5521397077432451029947804689821620361960887177736309240611582170156236800, 11042794154864902059895609379643240723921774355472618481223164340312473600, 22085588309729804119791218759286481447843548710945236962446328680624947200, 44171176619459608239582437518572962895687097421890473924892657361249894400, 88342353238919216479164875037145925791374194843780947849785314722499788800, 176684706477838432958329750074291851582748389687561895699570629444999577600, 353369412955676865916659500148583703165496779375123791399141258889999155200, 706738825911353731833319000297167406330993558750247582798282517779998310400, 1413477651822707463666638000594334812661987117500495165596565035559996620800, 2826955303645414927333276001188669625323974235000990331193130071119993241600, 5653910607290829854666552002377339250647948470001980662386260142239986483200, 1130782121

TABLE II. - Continued

TEST: 1A87		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: POST TEST					
DATA SET IDENTIFIER	CONFIGURATION	QDET					NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)									
		$\alpha$	$\beta$	$M_{\infty}$	$P_{\infty}$	$P_{s1}$		$A\alpha$	$\Delta\beta$	$\Delta X$	$\Delta Z$	$\frac{\Delta Y}{\Delta Z}$	-100	-200	-400		
RTU-101	01/ET, SRBLI	-0.4	5.4	4.52	90.2			0.0	0.0	0	A	298	297	296	295		
-102								↑		300		299	300	301	302		
-103								5.0		↑		306	305	304	303		
-104								↑		0	↑	307	308	309	310		
-105								-5.0		↑	C	314	313	312	311		
-106								↑		300	↑	315	316	317	318		
-107								0.0	4.0	0	A		321	320	319		
-108								↑		300			322	323	324		
-109								5.0		↑		327	326	325			
-110								↑		0	↑		328	329	330		
-111								-5.0		↑	C		333	332	331		
-112								↑		300	↑		334	335	336		
-113								0.0	8.0	0	A			338	337		
-114								↑		300				339	340		
-115								5.0		↑				342	341		
-116								↑		0	↑			343	344		
-117								-5.0		↑	C			346	345		
-118								↑		300	↑			347	348		
		7	13	19	25	31	37	43	49	55	61	67	73	79			
COEFFICIENTS																	
A = -100, 0, 100, 200, 400 or 400, 200, 100, 0, -100																	
C = 100, 200, 400 or 400, 200, 100																	
α OR β		IDVAR (1) IDVAR (2) NDV															
SCHEDULES																	

COEFFICIENTS

$\alpha$  OR  $\beta$  SCHEDULES  $\alpha$  OR  $\beta$   $\Delta Z$   $A = -100, 0, 100, 200, 400$  OR  $400, 200, 100, 0, -100$   
 $C = 100, 200, 400$  OR  $400, 200, 100$

NOTES: 1)  $\Delta X, \Delta Y$  AND  $\Delta Z$  ARE IN INCHES FULLSCALE  
 2) ALL ORBITER CONTROL SURFACES SET AT 0-DEGREE DEFLECTION  
 3) CORRESPONDING SRB DATASETS ARE ATU-XXX

TABLE II. Continued

TEST: 1A87		DATA SET / RUN NUMBER COLLATION SUMMARY										DATE: POST TEST					
DATA SET IDENTIFIER	CONFIGURATION	O/E		PARAMETERS/VALUES			NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)									
		SCHD.		M <sub>00</sub>	P <sub>000</sub>	P <sub>010</sub>		ΔX	ΔY	ΔZ	ΔX	ΔY	ΔZ	400			
		α	β														
RTU -119	O/E, SRB1	0.5109		4.52	90.2			0.2	0.0	0	A	352	351	350	349		
-120								5.2		300		353	354	355	356		
-121												350	359	358	357		
-122										0	Y	361	362	363	364		
-123								-4.9			C	368	367	366	365		
-124										300		369	370	371	372		
-125								0.2	-4.0	0	A		375	374	373		
-126										300		376	377	378	379		
-127								5.2				381	380	384	385		
-128										0	Y	382	383	386	387		
-129								-4.9			C	387	388	389	390		
-130										300				392	391		
-131								0.2	-2.0	0	A			393	394		
-132										300				396	395		
-133								5.2						397	398		
-134										0	Y			400	399		
-135								-4.9			C			401	402		
-136										300							
		7	13	19	25	31	37	43	49	55	61	67	73	76			
		COEFFICIENTS															
		SCHEDULES															
		A) A = -100, 0, 100, 200, 400 or 400, 200, 100, 0, -100															
		C = 100, 200, 400 or 400, 200, 100															
		NOTES: 1) ΔX, ΔY AND ΔZ ARE IN INCHES FULLSCALE															
		2) ALL ORBITER CONTROL SURFACES SET AT 0-DEGREE DEFLECTION															
		3) CORRESPONDING SRB DATA SETS ARE ATU-XXX															

TABLE II. Continued

TEST: JAB7		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: POST TEST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
DATA SET IDENTIFIER	CONFIGURATION	QJET		PARAMETERS/VALUES			NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)										TEST RUN NUMBERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		SCHD.		M <sub>∞</sub>	P <sub>∞</sub>	p <sub>∞</sub> /p <sub>0</sub>		ΔX	ΔB	ΔX	ΔZ	ΔX	ΔB	ΔX	ΔB	ΔX	ΔB	ΔX	ΔB	ΔX	ΔB	ΔX	ΔB	ΔX	ΔB	ΔX	ΔB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		α	β																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
RTU-137	OJET, SRBLI	0.510.9	4.52	90.2				0.2	0.0	0	A		406	406	405	404																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

COEFFICIENTS

$\alpha$  OR  $\beta$   $\Delta Z$  A = -100, 0, 100, 200, 400 or 400, 200, 100, 0, -100  
 SCHEDULES C = 100, 200, 400 or 400, 200, 100

NOTES: 1) AX, AY AND AZ ARE IN INCHES FULLSCALE  
 2) ALL HOBSTER CONTROL SURFACES SET AT 0-DEGREES DEFLECTION  
 3) CORRESPONDING SRB DATASETS ARE ATU-XXX

TEST: 1A87

5) CORRESPONDING SRB DATA SETS ARE ATU-XXX.

**TABLE II, - Continued**

[illegible]

NOTES: 1)  $\Delta X$ ,  $\Delta Y$  AND  $\Delta Z$  ARE IN INCHES FULLSCALE  
2) ALL ORBITER CONTROL SURFACES ARE SET AT 0-DEGREE DEFLECTION  
3) CORRESPONDING SRB DATA SETS ARE ATU-XXX

TABLE II. - Continued

[illegible]

NOTES: 1) AX, AY AND AZ ARE IN INCHES FULLSCALE  
2) ALL ORBITER CONTROL SURFACES ARE SET AT 0-DEGREE DEFLECTION  
3) CORRESPONDING SRB DATA SETS ARE ATU-XXX

TABLE II. - Continued

TEST: 1A87		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: POST TEST									
DATA SET IDENTIFIER	CONFIGURATION	GET		PARAMETERS/VALUES			NO. OF RUNS	MACH NUMBERS (OP ALTERNATE INDEPENDENT VARIABLE)										TEST RUN NUMBERS			
		Q	B	M <sub>00</sub>	P <sub>00</sub>	P <sub>01</sub>		ΔX	Δβ	Δγ	ΔZ	ΔX	Δβ	Δγ	ΔZ	615	616	617			
RTU-209	01/ET, SRBL1	102	110	4.52	91.2			0.1	-0.1	0	A	620	619	618	616	617	*				
-210								↓		300		621	622	623	624						
-211								5.1		↓		628	627	626	625						
-212								↓		0	↓	629	630	631	632						
-213								-4.9		↓	C	636	635	634	633						
-214								↓		300	↓	637	638	639	640						
-215								0.1	3.9	0	A		643	642	641						
-216								↓		300			644	645	646						
-217								5.1		↓			649	648	647						
-218								↓		0	↓		650	651	652						
-219								-4.9		↓	C		655	654	653						
-220								↓		300	↓		656	657	658						
-221								0.1	8.0	0	A			660	659						
-222								↓		300				661	662						
-223								5.1		↓				664	663						
-224								↓		0	↓			665	666						
-225								-4.9		↓	C			668	667						
↑ -226								↓		300	↓			669	670						
		7	13	19	25	31	37	43	49	55	61	67	75	76							
		COEFFICIENTS										IDVAR (1)	IDVAR (2)	NDV							
Q OR β		ΔZ) A = -100, 0, 100, 200, 400 or 400, 200, 100, 0, -100																			
SCHEDULES		C = 100, 200, 400 or 400, 200, 100																			

NOTES: 1) ΔX, ΔY AND ΔZ ARE IN INCHES FULLSCALE  
 2) ALL ORBITER CONTROL SURFACES SET AT 0-DEGREE DEFLECTION  
 3) CORRESPONDING SRB DATA SETS ARE ATU-XXX  
 \* DATA FROM COMBINATION OF 616 & 617; RUN NO LABEL IS 616



TABLE II. - Continued

TEST: 1A87		DATA SET / RUN NUMBER COLLATION SUMMARY										DATE: 0051 TEST									
DATA SET IDENTIFIER		CONFIGURATION		SCMD. PARAMETERS/VALUES				NO. OF RUNS		MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)											
				a		b															
				10.0 15.8 452 60.4																	
RTU-227		01/ET, SRBR1																			
-228																					
-229																					
-230																					
-231																					
-232																					
-233																					
-234																					
-235																					
-236																					
-237																					
-238																					
-239																					
-240																					
-241																					
-242																					
-243																					
-244																					

7131925313743495561677576

COEFFICIENTS

A<sub>1</sub> A<sub>2</sub> A<sub>3</sub> A<sub>4</sub> A<sub>5</sub> A<sub>6</sub> A<sub>7</sub> A<sub>8</sub> A<sub>9</sub> A<sub>10</sub> A<sub>11</sub> A<sub>12</sub> A<sub>13</sub> A<sub>14</sub> A<sub>15</sub> A<sub>16</sub> A<sub>17</sub> A<sub>18</sub> A<sub>19</sub> A<sub>20</sub> A<sub>21</sub> A<sub>22</sub> A<sub>23</sub> A<sub>24</sub> A<sub>25</sub> A<sub>26</sub> A<sub>27</sub> A<sub>28</sub> A<sub>29</sub> A<sub>30</sub> A<sub>31</sub> A<sub>32</sub> A<sub>33</sub> A<sub>34</sub> A<sub>35</sub> A<sub>36</sub> A<sub>37</sub> A<sub>38</sub> A<sub>39</sub> A<sub>40</sub> A<sub>41</sub> A<sub>42</sub> A<sub>43</sub> A<sub>44</sub> A<sub>45</sub> A<sub>46</sub> A<sub>47</sub> A<sub>48</sub> A<sub>49</sub> A<sub>50</sub> A<sub>51</sub> A<sub>52</sub> A<sub>53</sub> A<sub>54</sub> A<sub>55</sub> A<sub>56</sub> A<sub>57</sub> A<sub>58</sub> A<sub>59</sub> A<sub>60</sub> A<sub>61</sub> A<sub>62</sub> A<sub>63</sub> A<sub>64</sub> A<sub>65</sub> A<sub>66</sub> A<sub>67</sub> A<sub>68</sub> A<sub>69</sub> A<sub>70</sub> A<sub>71</sub> A<sub>72</sub> A<sub>73</sub> A<sub>74</sub> A<sub>75</sub> A<sub>76</sub> A<sub>77</sub> A<sub>78</sub> A<sub>79</sub> A<sub>80</sub> A<sub>81</sub> A<sub>82</sub> A<sub>83</sub> A<sub>84</sub> A<sub>85</sub> A<sub>86</sub> A<sub>87</sub> A<sub>88</sub> A<sub>89</sub> A<sub>90</sub> A<sub>91</sub> A<sub>92</sub> A<sub>93</sub> A<sub>94</sub> A<sub>95</sub> A<sub>96</sub> A<sub>97</sub> A<sub>98</sub> A<sub>99</sub> A<sub>100</sub>

A<sub>1</sub> A<sub>2</sub> A<sub>3</sub> A<sub>4</sub> A<sub>5</sub> A<sub>6</sub> A<sub>7</sub> A<sub>8</sub> A<sub>9</sub> A<sub>10</sub> A<sub>11</sub> A<sub>12</sub> A<sub>13</sub> A<sub>14</sub> A<sub>15</sub> A<sub>16</sub> A<sub>17</sub> A<sub>18</sub> A<sub>19</sub> A<sub>20</sub> A<sub>21</sub> A<sub>22</sub> A<sub>23</sub> A<sub>24</sub> A<sub>25</sub> A<sub>26</sub> A<sub>27</sub> A<sub>28</sub> A<sub>29</sub> A<sub>30</sub> A<sub>31</sub> A<sub>32</sub> A<sub>33</sub> A<sub>34</sub> A<sub>35</sub> A<sub>36</sub> A<sub>37</sub> A<sub>38</sub> A<sub>39</sub> A<sub>40</sub> A<sub>41</sub> A<sub>42</sub> A<sub>43</sub> A<sub>44</sub> A<sub>45</sub> A<sub>46</sub> A<sub>47</sub> A<sub>48</sub> A<sub>49</sub> A<sub>50</sub> A<sub>51</sub> A<sub>52</sub> A<sub>53</sub> A<sub>54</sub> A<sub>55</sub> A<sub>56</sub> A<sub>57</sub> A<sub>58</sub> A<sub>59</sub> A<sub>60</sub> A<sub>61</sub> A<sub>62</sub> A<sub>63</sub> A<sub>64</sub> A<sub>65</sub> A<sub>66</sub> A<sub>67</sub> A<sub>68</sub> A<sub>69</sub> A<sub>70</sub> A<sub>71</sub> A<sub>72</sub> A<sub>73</sub> A<sub>74</sub> A<sub>75</sub> A<sub>76</sub> A<sub>77</sub> A<sub>78</sub> A<sub>79</sub> A<sub>80</sub> A<sub>81</sub> A<sub>82</sub> A<sub>83</sub> A<sub>84</sub> A<sub>85</sub> A<sub>86</sub> A<sub>87</sub> A<sub>88</sub> A<sub>89</sub> A<sub>90</sub> A<sub>91</sub> A<sub>92</sub> A<sub>93</sub> A<sub>94</sub> A<sub>95</sub> A<sub>96</sub> A<sub>97</sub> A<sub>98</sub> A<sub>99</sub> A<sub>100</sub>

NDV

NOTES: 1)  $\Delta X, \Delta Y$  AND  $\Delta Z$  ARE IN INCHES FULL SCALE  
2) ALL ORBITER CONTROL SURFACES SET AT 0 - DESIRED DEGRADATION  
3) CORRESPONDING SOB DATASETS ARE A7U-XXX

**TABLE II. - Continued**

[illegible]

NOTES: 1) AX, AY AND AZ ARE IN INCHES FULLSCALE  
2) ALL ORBITER CONTROL SURFACES SET AT 0-DEGREE DEFLECTION  
3) CORRESPONDING SRB TARGETS ARE ATU-X-Y-Z

TABLE II. - Continued

TEST: 1A87		DATA SET / RUN NUMBER COLLATION SUMMARY										DATE: 1957 TEST									
DATA SET IDENTIFIER	CONFIGURATION	SCHD.			PARAMETERS/VALUES			NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)						TEST RUN NUMBERS						
		A	B	C	M <sub>1</sub>	R <sub>1</sub>	P <sub>1</sub>		ΔX	ΔA	ΔX	ΔZ	ΔZ								
RTU-247	O <sub>1</sub> /ET, SRBLI	10.0	15.8	4.52	60.4				0.2	-0.1	0	A		737	736	735	734				
-248									↓		300			738	739	740	741				
249									5.2		↓			745	744	743	742				
250									↓		0	↓		746	747	748	749				
-251									-4.9		↓	D		750							
-252									↓		300	C		751	752	753	754				
-253									0.2	3.9	0	A		758	757	756	755				
-254									↓		300			759	760	761	762				
-255									5.2		↓			766	765	764	763				
-256									↓		0	↓		767	768	769	770				
-257									-4.9		↓	C		774	773	772	771				
-258									↓		300	↓		775	776	777	778				
-259									0.2	7.9	0	A		781	780	779	778				
-260									↓		300			782	781	780	779				
-261									5.2		↓			787	786	785	784				
-262									↓		0	↓		788	787	786	785				
-263									-4.9		↓	C		793	792	791	790				
-264									↓		300	↓		794	793	792	791				
		7	13	19	25	31	37	43	49	55	61	67	75	76							
COEFFICIENTS														IDVAR (1) IDVAR (2) NDV							
AE) A = -100, 0, 100, 200, 400 or 400, 200, 100, 0, -100 C = 100, 200, 400 or 400, 200, 100																					
D = 200, 400 or 400, 200																					
OR B																					
SCHEDULES																					

NOTES: 1) AX, AY AND AZ ARE IN INCHES FULLSCALE  
2) ALL ORBITER CONTROL SURFACES SET AT 0-DEGREES DEFLECTION  
3) CORRESPONDING SRB DATASETS ARE A TC - XXX

**TABLE II. - Continued**

[illegible]

NOTES: 1)  $\Delta X$ ,  $\Delta Y$  AND  $\Delta Z$  ARE IN INCHES FULL SCALE  
2) ALL ORBITER CONTROL SURFACE: SET AT 0-DEGREE DEFLECTION  
3) CORRESPONDING SRB DATA SETS ARE AT 4-XXX

TABLE II. - Continued

TEST: 2287		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 01/27/75																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES		NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)										TEST RUN NUMBERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		A	B	Mach	P <sub>static</sub>		AX	AB	AX	ΔX	ΔZ	ΔY	100	200	300	400	500	600	700	800	900	1000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
RTU-266	O, ET, SRBRI	-0.5	15.7	4.52	60.4		0.2	0.0	0	A	804	803	802	801																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								</

NOTES: 1) AX, AY AND AZ ARE IN INCHES FULL SCALE  
 2) ALL CENTER CONTROL SURFACES SET AT 0-DEGREE DEFLECTION  
 3) CORRESPONDING SRB DATA SETS ARE ATU, VXX

TABLE II. - Continued

TEST: 1A87		DATA SET/RUN NUMBER COLLATION SUMMARY												DATE: 01ST TEST	
DATA SET IDENTIFIER	CONFIGURATION	SCHED. 01ET		PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS (OR ALTERNATE INDEPENDENT VARIABLE)						
		A	B	M <sub>00</sub>	P <sub>00</sub>	P <sub>01</sub>	P <sub>02</sub>		AX	AB	AX	AZ			
													AY	AY	
RTU-284	01ET, SRBL1	0.5	15.7	4.52	60.4				0.2	0.0	0	A	858	857	856
-285									1		300		859	860	861
-286									5.2				864	863	862
-287									1		0		865	866	867
-288									-4.8			C	870	869	868
-289									1		300		871	872	873
-290									0.2	4.0	0	A	876	875	874
-291									1		300		877	878	879
-292									5.2				882	881	880
-293									1		0		883	884	885
-294									-4.8			C	888	887	886
-295									1		300		889	890	891
-296									0.2	8.0	0	A		893	892
-297									1		300			894	895
-298									5.2					897	896
-299									1		0			898	899
-300									-4.8			C		901	900
-301									1		300			902	903
7															
		7	13	19	25	31	37	43	49	55	61	67	73	76	
		COEFFICIENTS													
		SCHEDULES													
		A) A = -100, 0, 100, 200, 400 or 400, 200, 100, 0, -100													
		C = 100, 200, 400 or 400, 200, 100													
		OR B													
		SCHEDULES													
		10VAR (1) 10VAR (2) NDV													

TABLE II. - Continued

[illegible]

NOTES: 1) AX, AY AND AZ ARE IN INCHES THIS TIME  
2) AX, AY AND AZ ARE AT 0-LAYER DEFLECTION  
3) AX, AY AND AZ ARE IN INCHES THIS TIME  
4) AX, AY AND AZ ARE AT 0-LAYER DEFLECTION

NASA-MSFC-WAF

**TABLE II. -- Concluded**

[illegible]

NOTES: 1) EACH DATASET IS ONE DISCRETE DATA POINT  
2) ALL ORBITER CONTROL SURFACES SET AT 0-DEGREE DEFLECTION

NASA-MSFC-MAF



TABLE III

## MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY B<sub>19</sub>GENERAL DESCRIPTION : Fuselage, Configuration 3, per Rockwell LinesVL70-000139BMODEL SCALE: 0.010DRAWING NUMBER : VL70-000139B

(Model drawing SS-A01182, Release 7)

## DIMENSIONS :

	FULL SCALE	MODEL SCALE
Length	<u>1290.3</u>	<u>12.903</u>
Max Width	<u>267.6</u>	<u>2.676</u>
Max Depth	<u>244.5</u>	<u>2.445</u>
Fineness Ratio	<u>4.82175</u>	<u>4.82175</u>
Area - Ft <sup>2</sup>	<u>          </u>	<u>          </u>
Max. Cross-Sectional	<u>386.67</u>	<u>0.0387</u>
Planform	<u>          </u>	<u>          </u>
Wetted	<u>          </u>	<u>          </u>
Base	<u>          </u>	<u>          </u>

TABLE III. - Continued

MODEL DIMENSIONAL DATA

MODEL COMPONENT : CANOPY -C<sub>7</sub>

GENERAL DESCRIPTION : Configuration 3A canopy.

MODEL SCALE: 0.010

DRAWING NUMBER : VL70-000139B

(Model drawing SS-A01182, Release 7)

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length ( $X_0 = 433$ to $X_0 = 578$ ), In. F.S. 145	<u>                    </u>	<u>1.450</u>
Max Width	<u>                    </u>	<u>                    </u>
Max Depth	<u>                    </u>	<u>                    </u>
Fineness Ratio	<u>                    </u>	<u>                    </u>
Area	<u>                    </u>	<u>                    </u>
Max. Cross-Sectional	<u>                    </u>	<u>                    </u>
Planform	<u>                    </u>	<u>                    </u>
Wetted	<u>                    </u>	<u>                    </u>
Base	<u>                    </u>	<u>                    </u>

TABLE III. - Continued

MODEL COMPONENT: ELEVON - E<sub>23</sub>GENERAL DESCRIPTION: Configuration 3 per W<sub>107</sub> Rockwell Lines  
VL70-000139B, data for (1) of (2) sides.MODEL SCALE: 0.010DRAWING NUMBER: VL70-000139B

(Model drawing SS-A01182, Release 7)

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft <sup>2</sup>	<u>205.52</u>	<u>0.0206</u>
Span (equivalent) In.	<u>353.34</u>	<u>3.533</u>
Inb'd equivalent chord, In.	<u>114.78</u>	<u>1.148</u>
Outb'd equivalent chord, In.	<u>55.00</u>	<u>0.550</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.208</u>	<u>0.208</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.00</u>	<u>0.00</u>
Trailing Edge	<u>-10.24</u>	<u>-10.24</u>
Hingeline	<u>0.00</u>	<u>0.00</u>
Area Moment (Normal to hinge line), Ft <sup>3</sup> (Product of Area Moment)	<u>1548.07</u>	<u>0.00155</u>

TABLE III.

## MODEL DIMENSIONAL DATA

MODEL COMPONENT : BODY FLAP - F<sub>5</sub>GENERAL DESCRIPTION : Configuration 3A lightweight orbiter body flap.MODEL SCALE: 0.010MODEL DRAWING: SS-A00062DRAWING NUMBER : WL70-000139B

(Model drawing SS-A01182, Release 7)

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length , In.	<u>84.70</u>	<u>0.8470</u>
Max Width	<u>267.6</u>	<u>2.6760</u>
Max Depth	<u>          </u>	<u>          </u>
Fineness Ratio	<u>          </u>	<u>          </u>
Area Ft <sup>2</sup>	<u>          </u>	<u>          </u>
Max. Cross-Sectional	<u>142.5195</u>	<u>0.01425</u>
Planform	<u>          </u>	<u>          </u>
Wetted	<u>38.0958</u>	<u>0.00381</u>
Base	<u>          </u>	<u>          </u>

## TABLE III. - Continued

## MODEL DIMENSIONAL DATA

MODEL COMPONENT : OMS POD - M<sub>1</sub>

GENERAL DESCRIPTION: Configuration 3 per Rockwell Lines VL70-000139

~~NOTE: M4 identical to M3, except intersection to fuselage.~~

MODEL SCALE: 0.010

DRAWING NUMBER : VL70-000139B

(Model Drawing SS-A01182, Release 7)

DIMENSIONS :	FULL SCALE	MODEL SCALE
--------------	------------	-------------

Length, In. 346.0 3.460

Max Width , In.	108.0	1.080
-----------------	-------	-------

Max Depth, In.	<u>113.0</u>	<u>1.130</u>
----------------	--------------	--------------

**Fineness Ratio** \_\_\_\_\_

Area \_\_\_\_\_

Max. Cross-Sectional \_\_\_\_\_

**Platform** \_\_\_\_\_

Wanted \_\_\_\_\_

Base \_\_\_\_\_

### Centerline of OMS Pods

$$WP = 463.9 \text{ in F.S., } WP = 400 + 63.9 = 463.9$$

BP = 80.0 IN. F.S.

Length: 1214.0 to 1560.0 = 346.0 in F.S.

TABLE III. - Continued

MODEL COMPONENT: OMS NOZZLES - N<sub>8</sub>GENERAL DESCRIPTION: Basic OMS Nozzle of Configuration 2A per Rockwell LinesVL70-008306 and VL70-000089"B". Intersection of nozzle exit plane andnozzle centerline at X<sub>c</sub> = 1570.75, Y<sub>c</sub> = + 99.25, Z<sub>c</sub> = 507.25MODEL SCALE = 0.010DRAWING NO. VL70-008306, VL79-000089"B", SS-A00092

(Model drawing SS-A01182, Release 7)

DIMENSIONSFULL SCALEMODEL SCALE

Mach No. \_\_\_\_\_

Length ~ in.

Gimbal Point to Exit Plane

Throat to Exit Plane

Diameter ~ in.

Exit

Throat

Inlet

Area ~ ft<sup>2</sup>.

Exit

Throat

Gimbal Point (station) ~ in.

X

Y

Z

Null Position ~ deg.

Pitch

Yaw

1518.015.18+ 88.0+ 0.88492.04.92015°49'15°49'+ 12°17'12°17'

TABLE III. - Continued

\*REVISED 4/24/74

## MODEL DIMENSIONAL DATA

MODEL COMPONENT: RUDDER - R5GENERAL DESCRIPTION: Configuration 139B Orbiter Rudder for stabilizerV7MODEL SCALE: 0.010DRAWING NUMBER: VL70-000139B, VL70-000085

(Model Drawing SS-A01182, Release 7)

DIMENSIONS:

	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
*Area- Ft <sup>2</sup>	<u>100.15</u>	<u>0.0100</u>
Span (equivalent) , In.	<u>201.0</u>	<u>2.010</u>
Inb'd equivalent chord , In.	<u>91.585</u>	<u>0.916</u>
Outb'd equivalent chord , In.	<u>50.833</u>	<u>0.508</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.83</u>	<u>34.83</u>
Trailing Edge	<u>26.25</u>	<u>26.25</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment ( Product of Area & $\bar{c}$ ) , Ft <sup>3</sup>	<u>610.92</u>	<u>0.0006</u>
Mean Aerodynamic chord , In.	<u>73.2</u>	<u>0.732</u>

TABLE III. - Continued

## MODEL DIMENSIONAL DATA

MODEL COMPONENT: VERTICAL - V<sub>7</sub>GENERAL DESCRIPTION: Centerline vertical tail, double-wedge airfoil with rounded leading edge.NOTE: Same as V5, but with manipulator housing removed.MODEL SCALE: 0.010DRAWING NUMBER: VL70-000139B (Model Drawing SS-A01182, Release 7)DIMENSIONS: FULL SCALE MODEL SCALE

## TOTAL DATA

Area (Theo) - Ft <sup>2</sup>		
Planform	<u>425.92</u>	<u>0.0426</u>
Span (Theo) - In.	<u>315.72</u>	<u>3.157</u>
Aspect Ratio	<u>1.675</u>	<u>1.675</u>
Rate of Taper	<u>0.507</u>	<u>0.507</u>
Taper Ratio	<u>0.404</u>	<u>0.404</u>
Sweep-Back Angles, Degrees.		
Leading Edge	<u>45.000</u>	<u>45.000</u>
Trailing Edge	<u>26.249</u>	<u>26.249</u>
0.25 Element Line	<u>41.130</u>	<u>41.130</u>
Chords:		
Root (Theo) WP	<u>268.50</u>	<u>2.685</u>
Tip (Theo) WP	<u>108.47</u>	<u>1.0847</u>
MAC	<u>199.81</u>	<u>1.998</u>
Fus. Sta. of .25 MAC	<u>1463.50</u>	<u>14.635</u>
W.P. of .25 MAC	<u>635.522</u>	<u>6.355</u>
B.L. of .25 MAC	<u>0.00</u>	<u>0.00</u>
Airfoil Section		
Leading Wedge Angle - Deg.	<u>10.000</u>	<u>10.00</u>
Trailing Wedge Angle - Deg.	<u>14.920</u>	<u>14.920</u>
Leading Edge Radius	<u>2.0</u>	<u>2.0</u>
Void Area	<u>13.17</u>	<u>.001317</u>
Blanketed Area	<u>0.00</u>	<u>0.00</u>



TABLE III. - Continued

MODEL COMPONENT: WING-W107GENERAL DESCRIPTION: Configuration 3 per Rockwell Lines VL70-000139BNOTE: Same as W103 except cuff, airfoil and incidence angle.MODEL SCALE: 0.010 (Model Drawing SS-A01182, Release 7)

TEST NO.

DWG. NO. VL70-000139B

DIMENSIONS:

FULL-SCALE

MODEL SCALE

## TOTAL DATA

Area (Theo.)  $\text{Ft}^2$ 

Planform

Span (Theo) In.

Aspect Ratio

Rate of Taper

Taper Ratio

Dihedral Angle, degrees

Incidence Angle, degrees

Aerodynamic Twist, degrees

Sweep Back Angles, degrees

Leading Edge

Trailing Edge

0.25 Element Line

## Chords:

Root (Theo) B.P.O.O.

Tip, (Theo) B.P.

MAC

Fus. Sta. of .25 MAC

W.P. of .25 MAC

B.L. of .25 MAC

## EXPOSED DATA

Area (Theo)  $\text{Ft}^2$ 

Span, (Theo) In. BP108

Aspect Ratio

Taper Ratio

## Chords

Root BP108

Tip 1.00  $\frac{b}{2}$ 

MAC

Fus. Sta. of .25 MAC

W.P. of .25 MAC

B.L. of .25 MAC

Airfoil Section (Rockwell Mod NASA)  
XXXX-64Root  $\frac{t}{c} =$ Tip  $\frac{t}{c} =$ 

Data for (1) of (2) Sides

Leading Edge Cuff

Planform Area  $\text{Ft}^2$ 

Leading Edge Intersects Fus M. L. @ Sta

Leading Edge Intersects Wing @ Sta

TABLE III. - Continued

## MODEL DIMENSIONAL DATA

MODEL COMPONENT : EXTERNAL TANK - T<sub>20</sub>GENERAL DESCRIPTION : External Oxygen-Hydrogen TankMODEL SCALE: 0.010DRAWING NUMBER : VL72-000131, VL78-000062B

(Model drawing SS-A00117, Release 4)

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (In.)(Nose @ $X_T=228.92$ )	<u>1846.905</u>	<u>18.469</u>
Max Width (Dia., In. (@ $X_T=975.675$ ))	<u>333.2</u>	<u>3.332</u>
Major Depth (In.,)	<u>330.2</u>	<u>3.302</u>
Fineness Ratio	<u>5.65713</u>	<u>5.65713</u>
Area - Ft <sup>2</sup>	<u>          </u>	<u>          </u>
Max. Cross-Sectional (@ $X_T = 975.675$ )	<u>605.534</u>	<u>0.0605</u>
Major Cross Section	<u>594.679</u>	<u>0.0595</u>
WP of Tank Centerline (Z), In.	<u>400.0000</u>	<u>4.0000</u>
Base (On 330.2 Dia.)	<u>594.679</u>	<u>0.0595</u>

TABLE III. - Continued

MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT<sub>16</sub>

GENERAL DESCRIPTION: Forward orbiter/ET Attach Structure (2 member Structure)

MODEL SCALE: 0.010

MODEL DRAWING: SS-A00117, Release 4

DRAWING NO.: VL78-000062B, SK-H-4011

DIMENSIONS:

MEMBER		FULL SCALE	MODEL SCALE
#1	X <sub>0</sub>	394.38	3.944
	Y <sub>0</sub>	0	0
	Z <sub>0</sub>	LWR ML	LWR ML
	X <sub>T</sub>	1131.0	11.310
	Y <sub>T</sub>	46.8	0.468
	Z <sub>T</sub>	561.298	5.613
#2	X <sub>0</sub>	394.38	3.944
	Y <sub>0</sub>	0	0
	Z <sub>0</sub>	LWR ML	LWR ML
	X <sub>T</sub>	1131.0	11.310
	Y <sub>T</sub>	- 46.8	- 0.468
	Z <sub>T</sub>	561.298	5.613

Diameter of Members: 5.70 In. Dia. F.S.

TABLE III. - Continued

## MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT<sub>17</sub>

GENERAL DESCRIPTION: Left rear orbiter/ET attach structure (2 member structure)

MODEL SCALE: 0.010

MODEL DRAWING: SS-A00117, Release 4

DRAWING NO.: VL78-000062B, SK-H-4013

DIMENSIONS:	MEMBER	FULL SCALE	MODEL SCALE
	#1		
	X <sub>O</sub>	1317	13.17
	Y <sub>O</sub> -	96.5	- 0.965
	Z <sub>O</sub>	267.5	2.675
	X <sub>T</sub>	2058.0	20.58
	Y <sub>T</sub> -	125.827	- 1.258
	Z <sub>T</sub>	515.5	5.155
	#2		
	X <sub>O</sub>	1317.0	13.17
	Y <sub>O</sub> -	96.5	- 0.965
	Z <sub>O</sub>	267.5	2.675
	X <sub>T</sub>	2058.0	20.58
	Y <sub>T</sub> -	125.827	- 1.258
	Z <sub>T</sub>	515.5	5.155

Diameter of Members: #1 11.5 In. Dia. P.S.

#2 15.5 In. Dia. P.S.

TABLE III. - Continued

## MODEL DIMENSIONAL DATA

MODEL COMPONENT: ATTACH STRUCTURE - AT<sub>18</sub>

GENERAL DESCRIPTION: Right rear orbiter/ET attach structure (3 member structure)

Drawing No: VL78-000062B

MODEL SCALE: 0.010

MODEL DRAWING: SS-A00117, Release 4

DIMENSIONS:	MEMBER	FULL SCALE	MODEL SCALE
#1	X <sub>O</sub>	1317.00	13.170
	Y <sub>O</sub>	+ 96.5	+ 0.965
	Z <sub>O</sub>	267.5	2.675
	X <sub>T</sub>	1872.0	18.720
	Y <sub>T</sub>	+ 125.827	+ 1.258
	Z <sub>T</sub>	515.5	5.155
#2	X <sub>O</sub>	1317.0	13.170
	Y <sub>O</sub>	+ 96.5	+ 0.965
	Z <sub>O</sub>	267.5	2.675
	X <sub>T</sub>	2058.0	20.580
	Y <sub>T</sub>	+ 125.827	+ 1.258
	Z <sub>T</sub>	515.5	5.155
#3	X <sub>O</sub>	1317.0	13.170
	Y <sub>O</sub>	54.40	0.544
	Z <sub>O</sub>	19.30	0.193
	X <sub>T</sub>	2058.0	20.580
	Y <sub>T</sub>	2.5	0.025
	Z <sub>T</sub>	567.6	5.676
Diameter of Members (In.):	#1	15.5	0.155
	#2	11.5	0.115
	#3	4.5	0.045

TABLE III. - Continued

MODEL DIMENSIONAL DATA

MODEL COMPONENT: FEEDLINE - FL<sub>5</sub>

GENERAL DESCRIPTION: LOX feedline simulated between ET and Orbiter.

MODEL SCALE: 0.010

MODEL DRAWING: SS-A00117, Release 4

DRAWING NO.: VL78-000062B,

DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X <sub>T</sub>	1033.3	10.333
	Y <sub>T</sub>	70.0	0.700
	X <sub>T</sub>	1033.3	10.333
	Y <sub>T</sub>	- 70.0	- 0.700
Trailing edge at:	X <sub>T</sub>	2071.50	20.715
	Y <sub>T</sub>	70.00	0.700
	Dia., Inches	18.80	0.188
	X <sub>T</sub>	2071.50	20.715
	Y <sub>T</sub>	+ 70.00	+ 0.700

Centerline of LOX feedline located radially at  $\phi = 23^{\circ}24'$

TABLE III. - Continued  
MODEL DIMENSIONAL DATA

MODEL COMPONENT: PRESSURE LINE - FL<sub>6</sub>

GENERAL DESCRIPTION: Max. cross-sectional area simulating LH<sub>2</sub> pressure line and electrical conduit line on the ET. Drawing No: VL78-000062B

MODEL SCALE: 0.010

MODEL DRAWING: SS-A00117, Release 4

DIMENSIONS:	FULL SCALE	MODEL SCALE
Leading edge at: X <sub>T</sub>	1127.1	11.271
Y <sub>T</sub>	110.3	1.103
Trailing edge at: X <sub>T</sub>	2062.1	20.621
Y <sub>T</sub>	110.3	1.103

Centerline of LH<sub>2</sub> pressure line located radially at  $\theta = 33^{\circ}45'$

TABLE III. - Continued

## MODEL DIMENSIONAL DATA

MODEL COMPONENT : LH<sub>2</sub> UMBILICAL FEEDLINE FL<sub>9</sub>GENERAL DESCRIPTION : LH<sub>2</sub> umbilical feedline with an electrical quick-  
disconnect box between the Orbiter and ET.MODEL SCALE: 0.010DRAWING NUMBER VL78-000062B

(Model drawing SS-A00117, Release 4)

DIMENSIONS :	FULL SCALE	MODEL SCALE
Centerline at X <sub>T</sub>	<u>2071.5</u>	<u>20.715</u>
Max Width	<u>31.2</u>	<u>0.312</u>
Max Depth	<u>37.5</u>	<u>0.375</u>
Diameter	<u>17.0</u>	<u>0.170</u>
Area	<u>          </u>	<u>          </u>
Max. Cross-Sectional	<u>          </u>	<u>          </u>
Planform	<u>          </u>	<u>          </u>
Wetted	<u>          </u>	<u>          </u>
Base	<u>          </u>	<u>          </u>



TABLE III. - Continued

MODEL DIMENSIONAL DATA

MODEL COMPONENT: FAIRING - FR<sub>6</sub>

GENERAL DESCRIPTION: Cross member between aft ET/orbiter attach structures

MODEL SCALE: 0.010

MODEL DRAWING: SS-A00117  
Release 4

DRAWING NO.: VL78-000062B, VL78-000050

DIMENSIONS:

	FULL SCALE	MODEL SCALE
Leading edge at X <sub>T</sub>	2035.50	20.355
Length	15.00	0.150
Width	193.0	1.930

TABLE III. - Continued

## MODEL DIMENSIONAL DATA

MODEL COMPONENT: ET PROTUBERANCE - PT<sub>13</sub>GENERAL DESCRIPTION: Maximum cross-sectional area simulating LOX recirculation line and electrical conduit box on planform view of external tank, T<sub>20</sub>.

MODEL SCALE: 0.010

MODEL DRAWING: SS-A00117  
Release 4

DRAWING NO.: VL78-000062B

## DIMENSIONS:

		FULL SCALE	MODEL SCALE
Leading edge at:	X <sub>T</sub>	1208.3	12.083
	Y <sub>T</sub>	+ 95.0	+ 0.950
	X <sub>T</sub>	1208.3	12.083
	Y <sub>T</sub>	- 95.0	- 0.950
Trailing edge at:	X <sub>T</sub>	2060.5	20.605
	Y <sub>T</sub>	+ 95.0	+ 0.950
	X <sub>T</sub>	2060.5	20.605
	Y <sub>T</sub>	- 95.0	- 0.950

Centerline of LOX recirculation line located radially at  $\phi = 33^{\circ}45'$

TABLE III. - Continued

MODEL DIMENSIONAL DATA

MODEL COMPONENT: ET PROTUBERANCE - PT<sub>14</sub>

GENERAL DESCRIPTION: LOX pressure line on Tank, T20

MODEL SCALE: 0.010

DRAWING NO.: VL78-000062B (Model drawing SS-A00117, Release 4)

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	X <sub>T</sub>	355.90	3.559
	Y <sub>T</sub>	6.0	0.06
Trailing edge at:	X <sub>T</sub>	2060.5	20.605
	Y <sub>T</sub>	+ 87.0	+ 0.870

Centerline of LOX pressure line located radially at  $\phi = 23^{\circ}24'$

TABLE III. - Continued

MODEL DIMENSIONAL DATA

MODEL COMPONENT: NOSE CONE LINES -  $PT_{20}$

GENERAL DESCRIPTION: Maximum cross-sectional area simulating the LOX pressure line and electrical conduit on top of external tank ( $T_{20}$ ) nose cone area.

MODEL SCALE: 0.010

DRAWING NO.: VL78-000062B (Model drawing SS-A00117, Release 4)

DIMENSIONS:		FULL SCALE	MODEL SCALE
Leading edge at:	$X_T$	360.92	3.609
	$Y_T$	34.0	0.340
Trailing edge at:	$X_T$	955.1	9.551
	$Y_T$	336.5	3.365

Centerline of lines located radially at  $\phi = 33^{\circ}45'$

TABLE III. - Continued

## MODEL DIMENSIONAL DATA

MODEL COMPONENT : BOOSTER SOLID ROCKET MOTOR - S<sub>10</sub>GENERAL DESCRIPTION : Configuration MCR500. Data for (1) of (2)  
sides.MODEL SCALE: 0.010DRAWING NUMBER VL77-000066 (Model drawing SS-A01308, Release 1)

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (Includes nozzle), In.	<u>1989.4</u>	<u>19.894</u>
Max Width (Tank Dia.), In.	<u>146.0</u>	<u>1.460</u>
Max Depth (Aft Shroud), In.	<u>192.0</u>	<u>1.920</u>
Fineness Ratio	<u>9.06771</u>	<u>9.06771</u>
Area , Ft <sup>2</sup>	<u>          </u>	<u>          </u>
Max. Cross-Sectional	<u>201.06193</u>	<u>0.0201</u>
Planform	<u>          </u>	<u>          </u>
Wetted	<u>          </u>	<u>          </u>
Base	<u>          </u>	<u>          </u>
WP of BSRM Centerline (Z <sub>T</sub> ), In.	<u>400.0</u>	<u>4.000</u>
FS of BSRM Nose (X <sub>T</sub> ), In.	<u>743.00</u>	<u>7.430</u>

TABLE III. - Concluded

MODEL DIMENSIONAL DATA

MODEL COMPONENT: SRB PROTUBERANCE - PS<sub>7</sub>

DESCRIPTION: SRB/ET attach ring: two attach rings and one structural ring

MODEL SCALE: 0.010

DRAWING NO. VL77-000066 (Model drawing SS-A01308, Release 1)

DIMENSIONS) DATA FOR 1 OF 2):

	FULL SCALE	MODEL SCALE
Centerline at X <sub>B</sub> :	1505	15.05
	1517	15.17
	1852	18.52
Width	10	0.10
Height	10	0.10

**Notes:**

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity

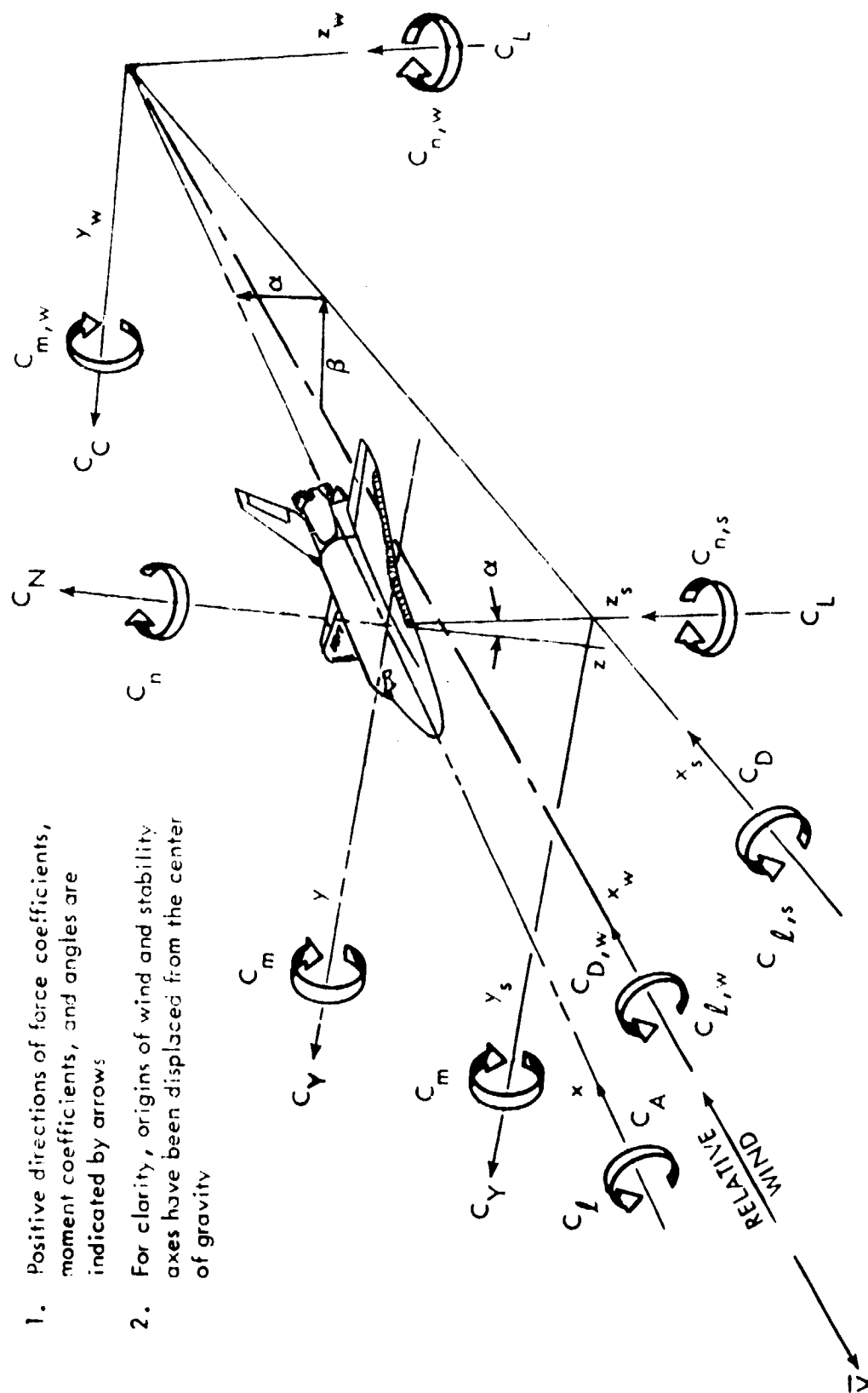
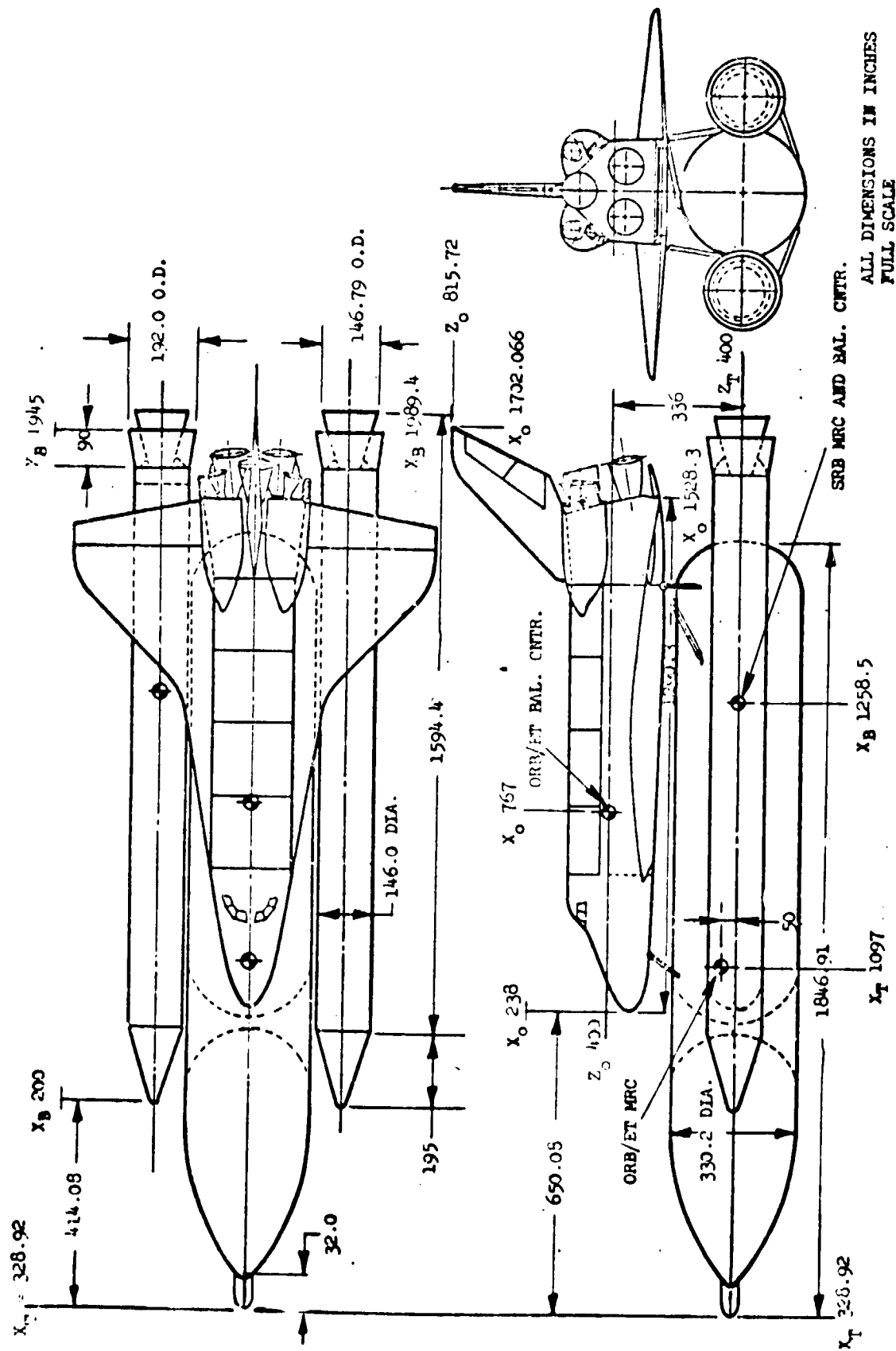


Figure 1. Axis Systems



a. Integrated Vehicle Configuration  
Figure 2. Model Sketches



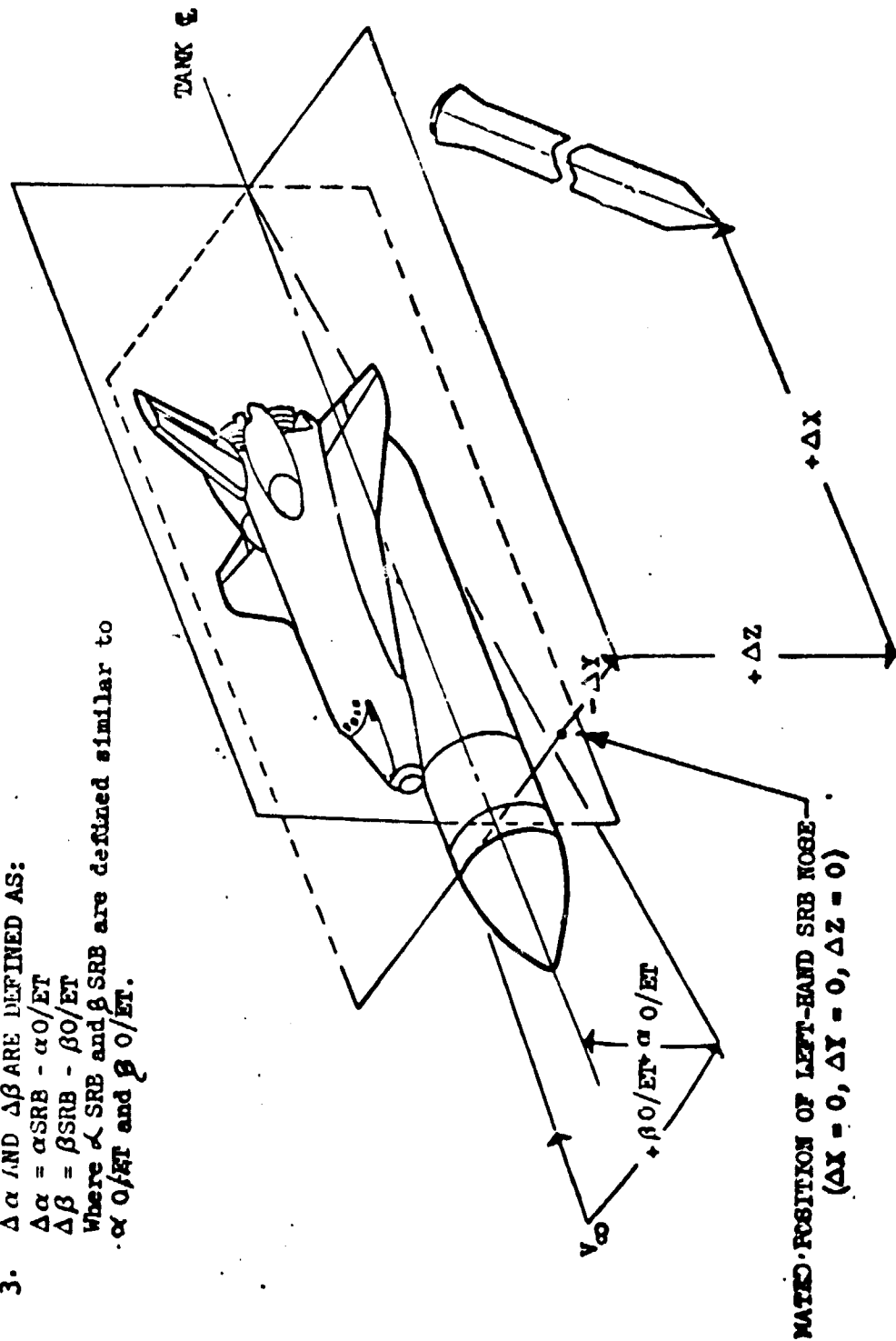
NOTES: 1.  $\Delta X$ ,  $\Delta Y$ , AND  $\Delta Z$  ARE DISPLACEMENTS OF THE SRB NOSE FROM THE MATED SRB NOSE POSITION.  
 2. POSITIVE  $\Delta Y$  IS TO RIGHT.

3.  $\Delta \alpha$  AND  $\Delta \beta$  ARE DEFINED AS:

$$\Delta \alpha = \alpha_{SRB} - \alpha_{O/ET}$$

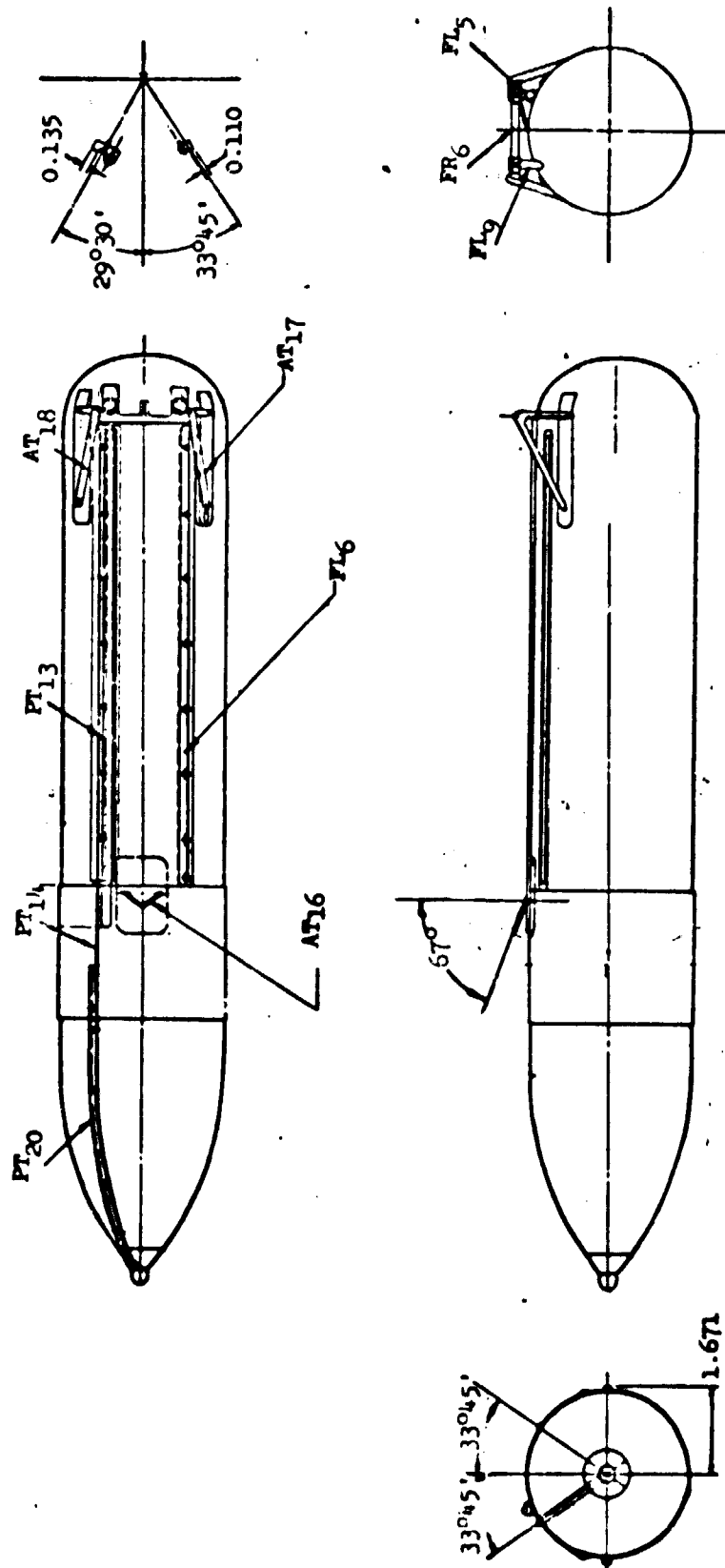
$$\Delta \beta = \beta_{SRB} - \beta_{O/ET}$$

Where  $\alpha$  SRB and  $\beta$  SRB are defined similar to  $\alpha$  O/ET and  $\beta$  O/ET.

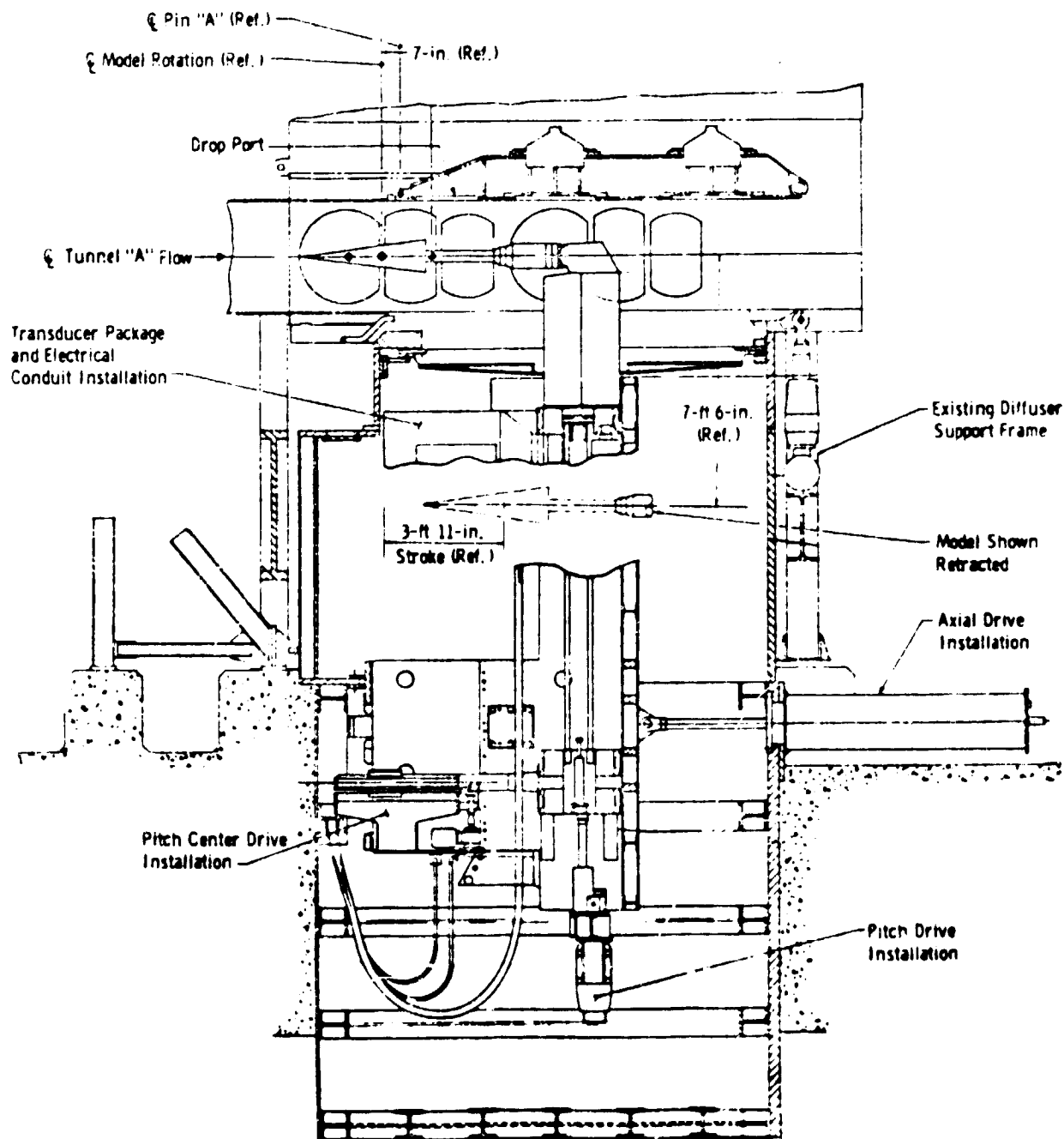


MATED POSITION OF LEFT-HAND SRB NOSE  
 $(\Delta X = 0, \Delta Y = 0, \Delta Z = 0)$

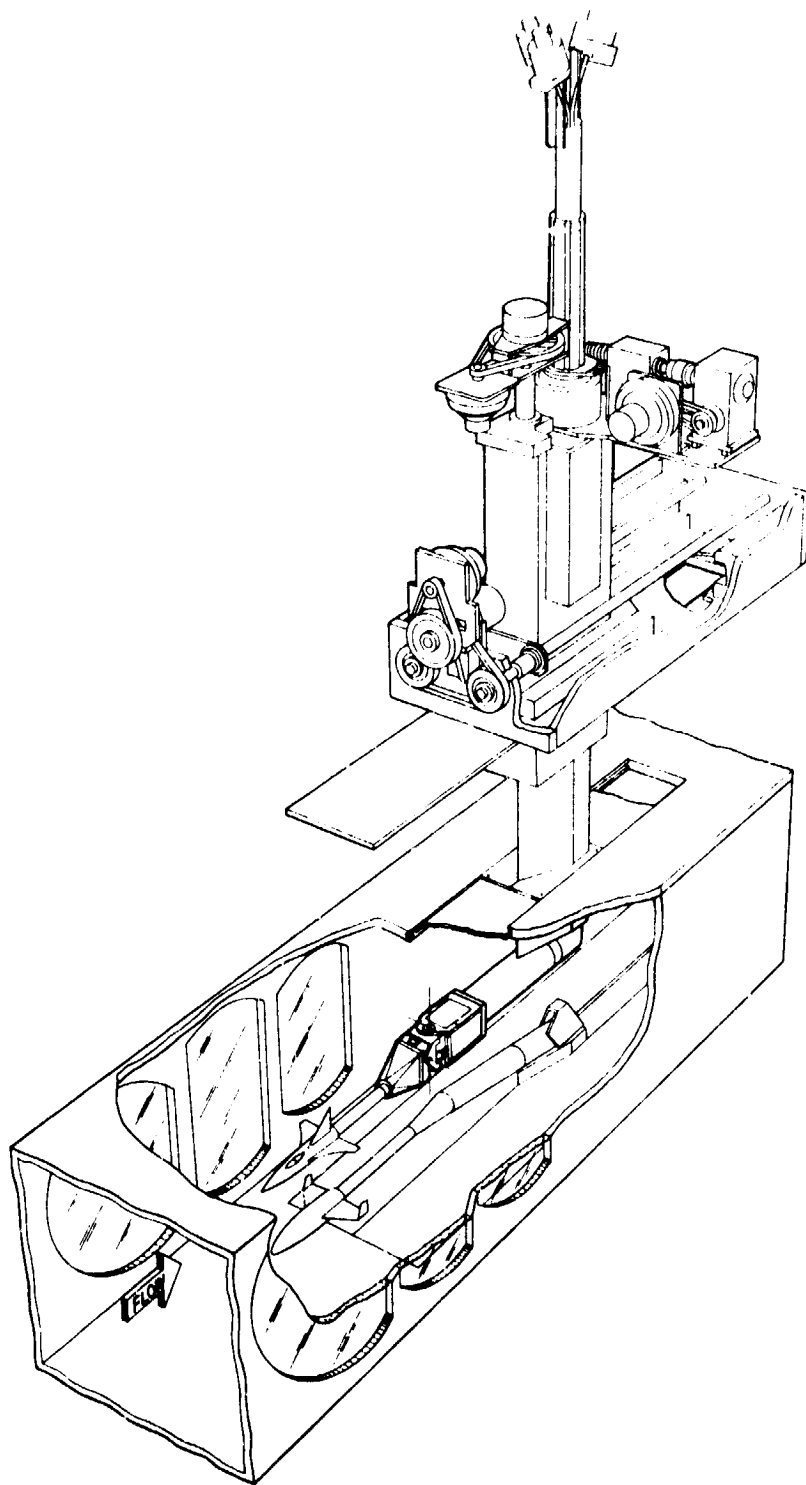
b. SRB Separation Geometry  
 Figure 2. Continued.



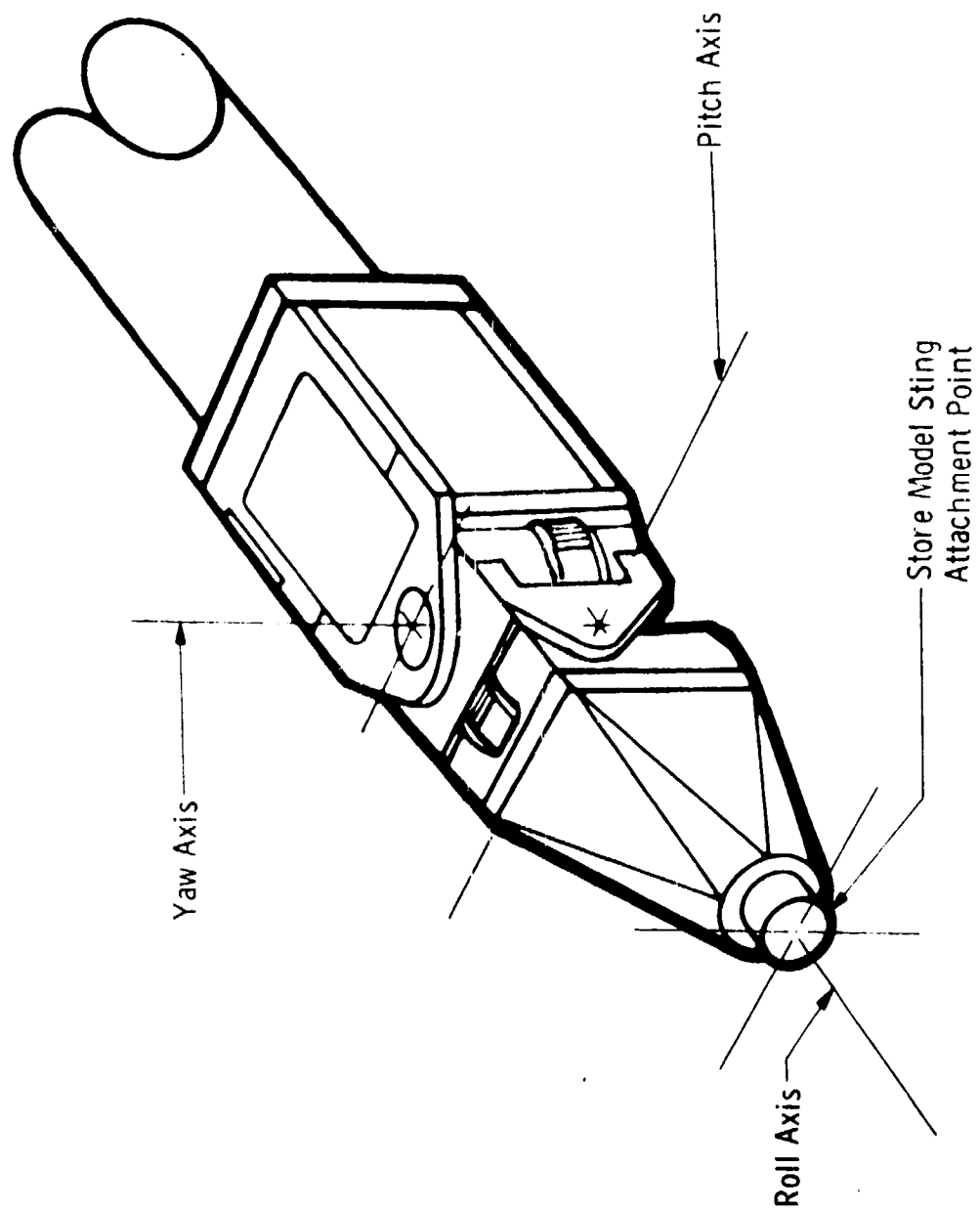
c. External Tank (T<sub>20</sub>) Protrusions  
Figure 2. Continued.



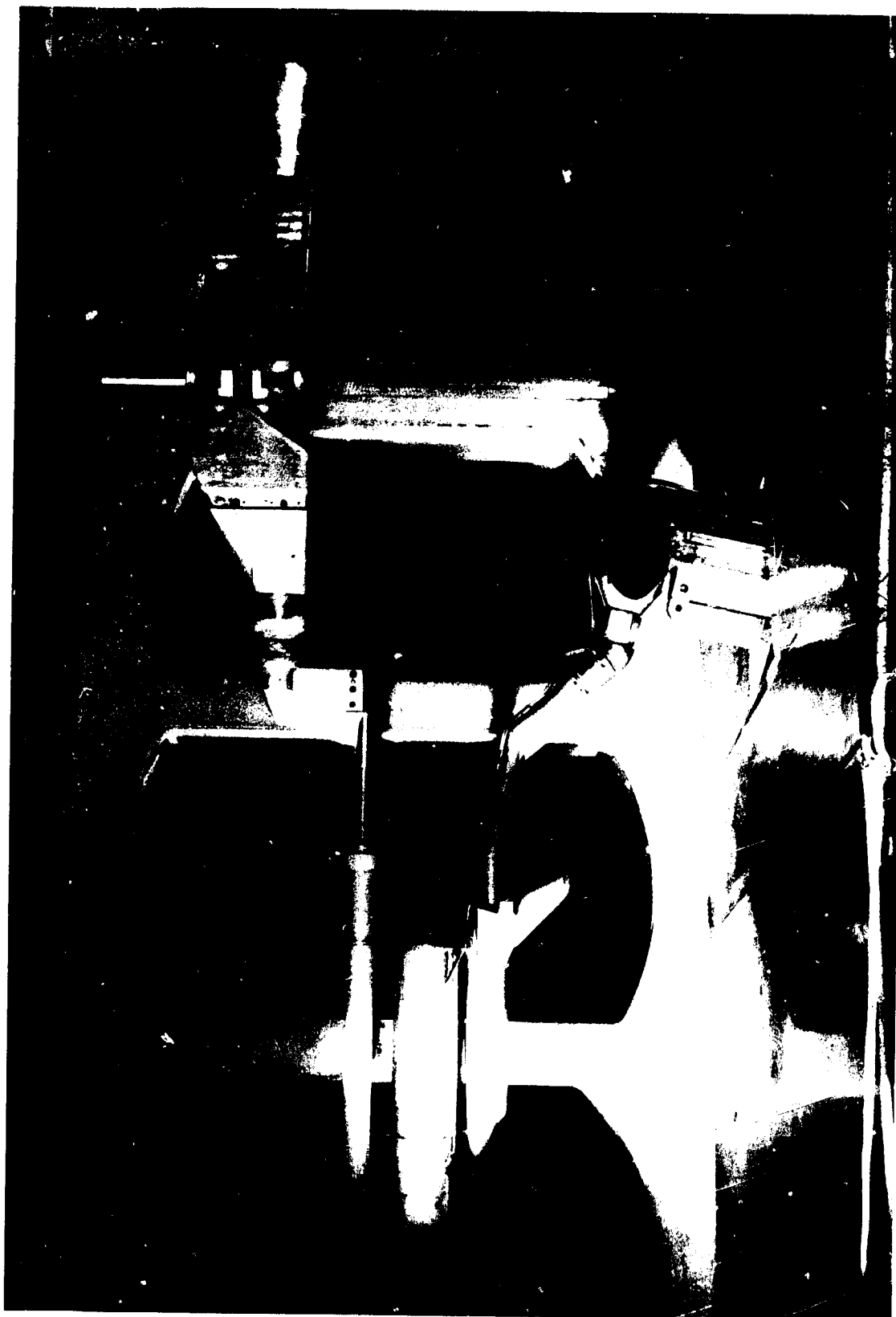
d. AEDC von Karman Gas Dynamic Facility Tunnel A  
Figure 2. Continued.



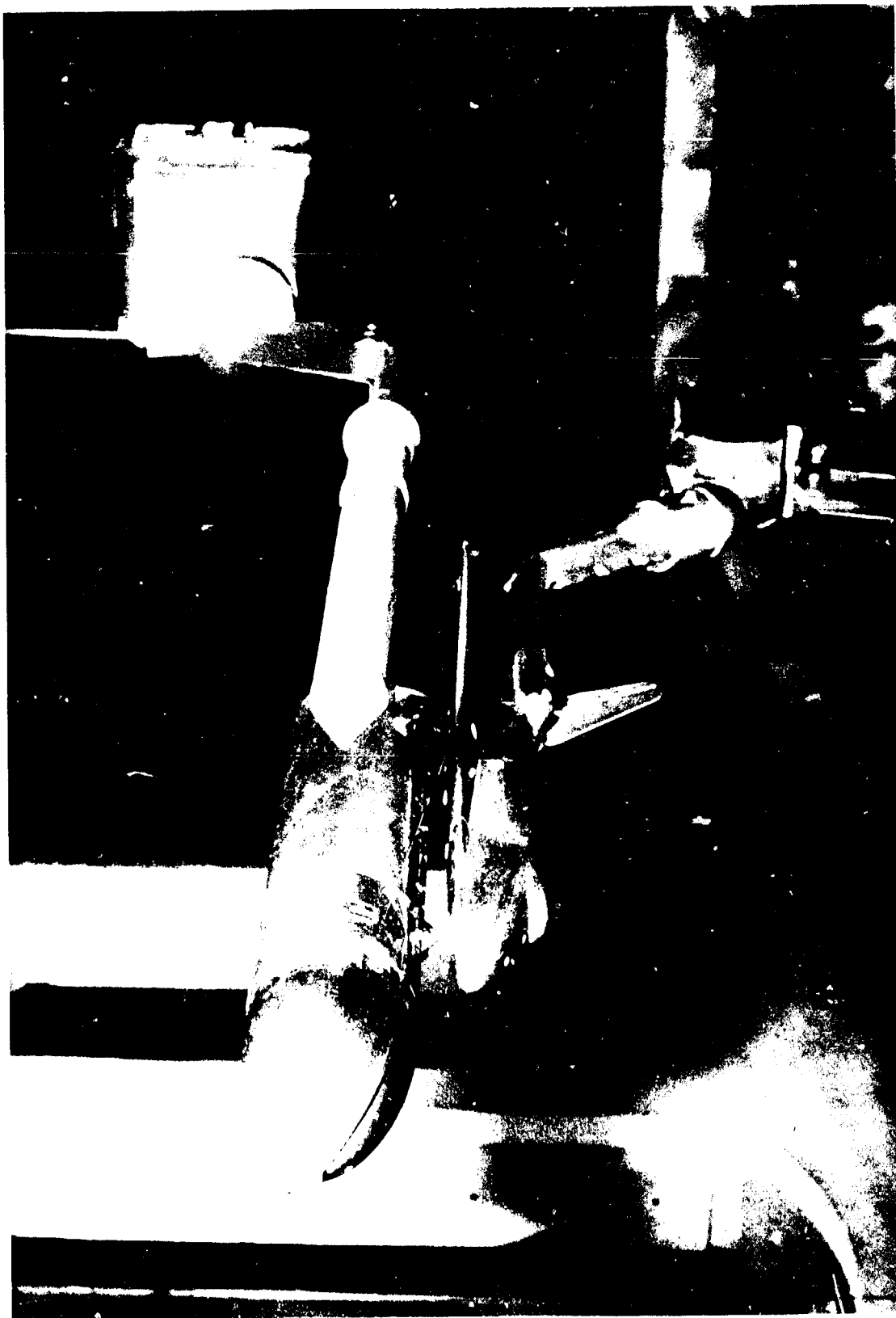
e. Artist's Conception of the VKF/CTS Installed in Tunnel A  
Figure 2. Continued.



f. Artist's Conception of the VKF/CTS With Roll-Pitch-Yaw Support  
Figure 2. Concluded.



a. Side View  
Figure 3. Installation Photographs



b. Front-Quarter View  
Figure 3. Continued.



c. Rear-Quarter View  
Figure 3. Concluded.



DATA FIGURES

(see Volume 2 for Tabulated Source Data)

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(ATU001)	AEDC/VA528(1A87)-01ET1S1-R/H	
(ATU004)	AEDC/VA528(1A87)-01ET1S1-R/H	
(ATU005)	AEDC/VA528(1A87)-01ET1S1-R/H	

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA	DBETA
.000	.000
5.000	.000
-5.000	.000

000  
000  
000  
X

MACH  
4.520  
4.520  
4.520

REFERENCE	INFORMATION
EF	2690.0000
EF	1290.3000
EF	1280.3000

REFERENCE INFORMATION	
SREF	2690.0000 SQ.FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
AMRP	1258.5000 IN. X5
YMRP	.0000 IN. Y5
ZMRP	400.0000 IN. Z5
SCALE	.0100

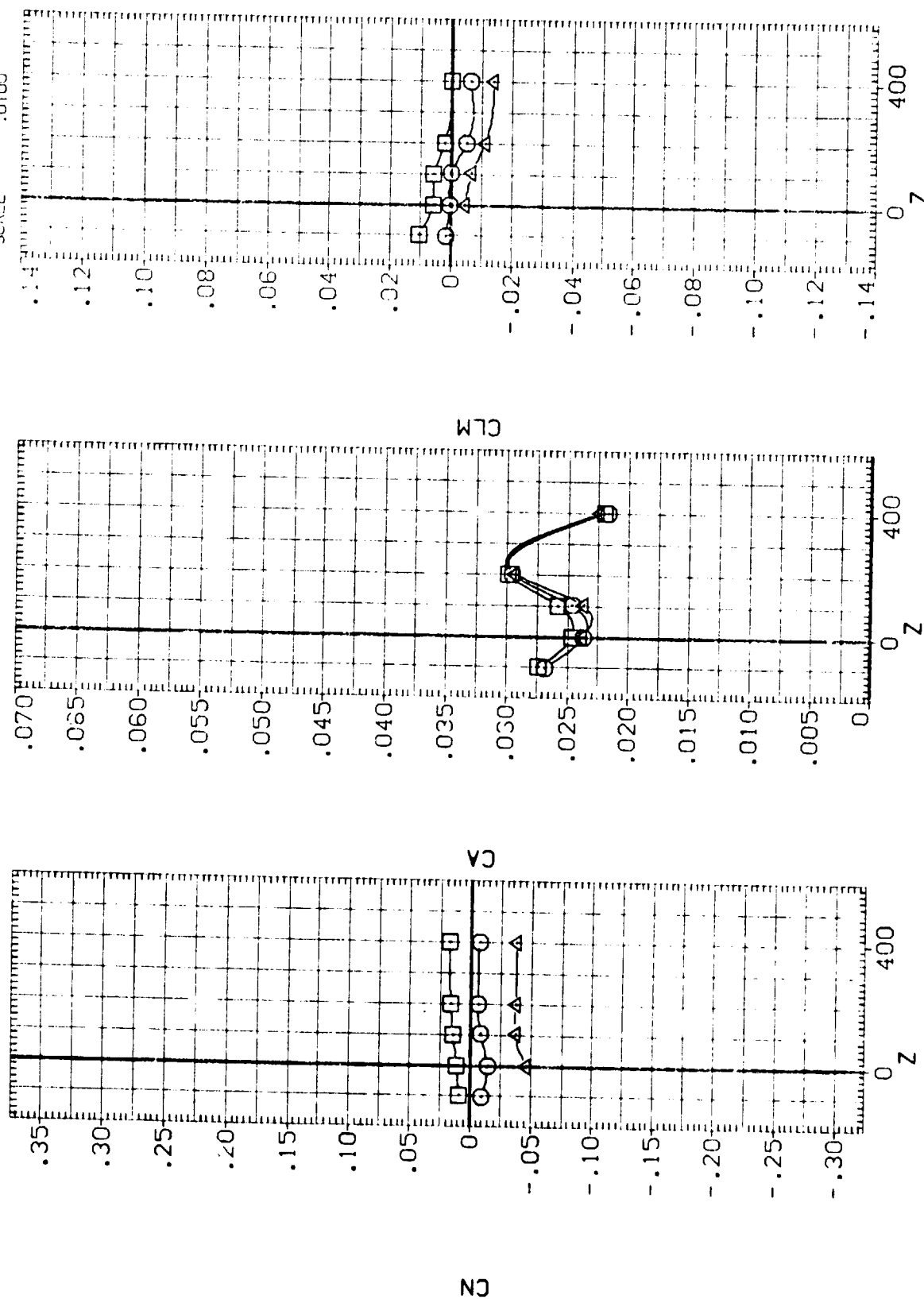


FIG. 4 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(A)Y = 10.00

PRECEDING PAGE BLANK NOT FILMED

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(ATU001)	AEDC/VA528(1A87)	-01ETISI-R/H
(ATU004)	AEDC/VA528(1A87)	-01ETISI-R/H
(ATU005)	AEDC/VA528(1A87)	-01ETISI-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
-5.000  
5.000  
.000

DBETA  
.000  
.000  
.000


  
 x

MACH 4.520  
4.520  
4.520

REFERENCE INFORMATION	
SREF	2690.0000 SQ.F
LREF	1290.3000 INCH
BREF	1290.3000 INCH
XMRP	1258.5000 IN.
YMRP	0000 IN.
ZMRP	400.0000 IN.
SCALE	.0100

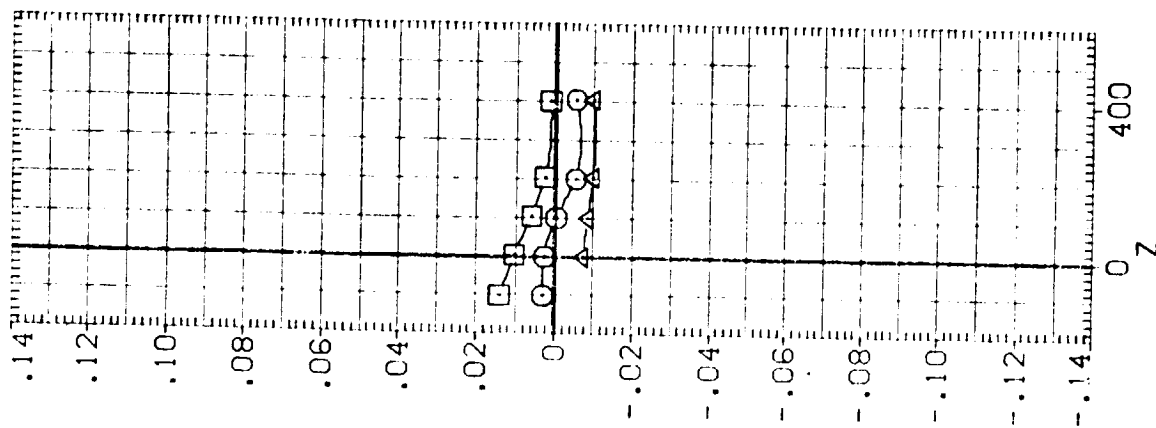
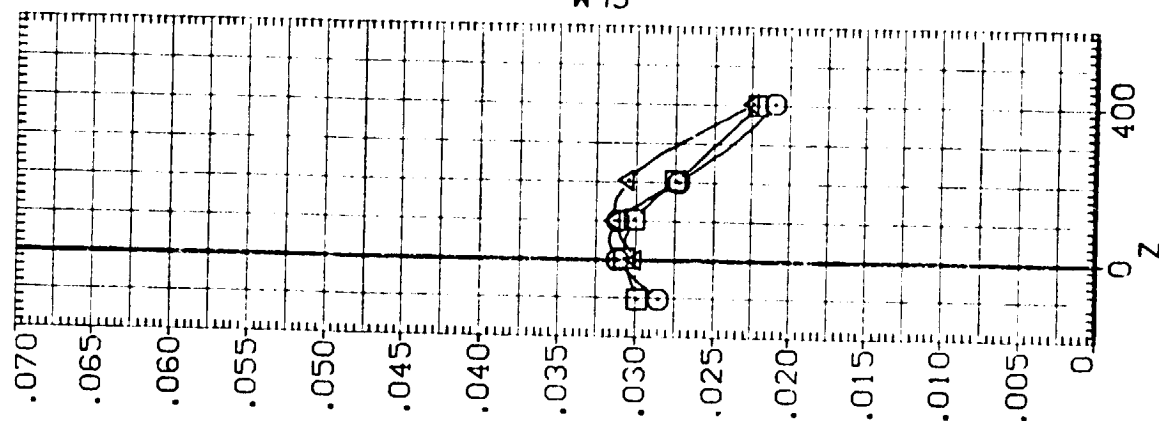
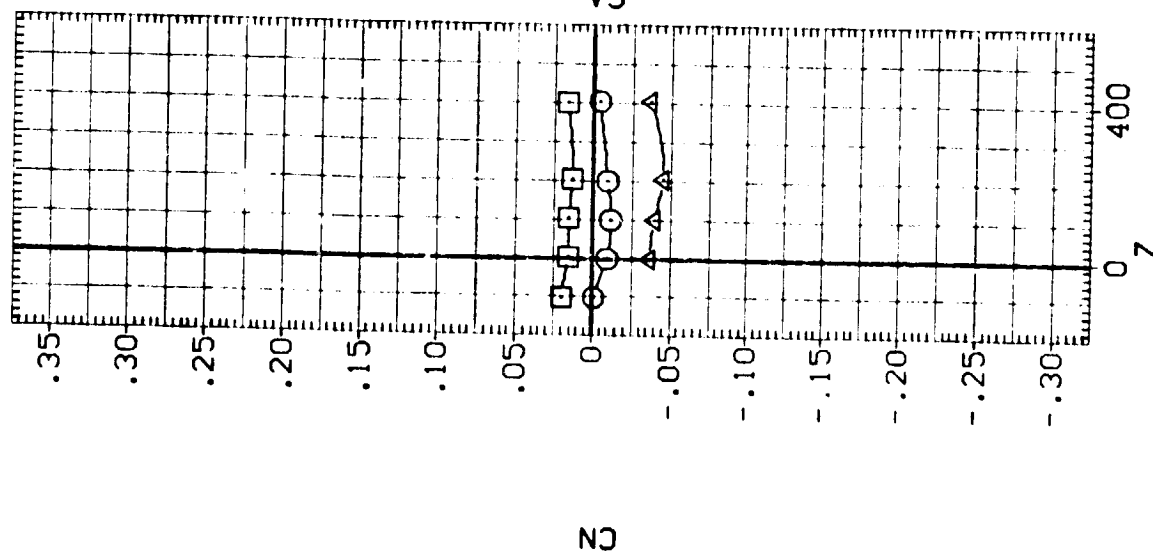


FIG. 4 RIGHT SRB AERO CHARACTERISTICS FROM 0/ET (ALPHA=-.4 BETA=0)

$\gamma(B) = 100.00$

(ATU001)  
(ATU004)  
(ATU005)

### CONFIGURATION DESCRIPTION

CON. LOCATION DESCRIPTION

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
5.000  
5.000  
-5.000

D8ETA  
000.  
000.  
000.

000  
000  
000  
X

MACH

## REFERENCE

FF	2690.0000
FF	1290.3000
FF	1290.3000
FF	1258.5000
FF	.0000
FF	400.0000
FF	.0100

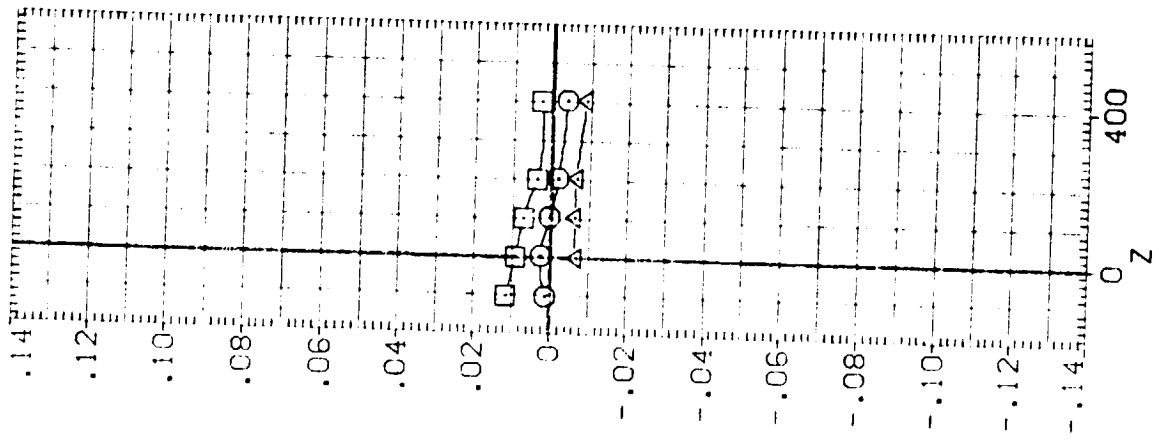
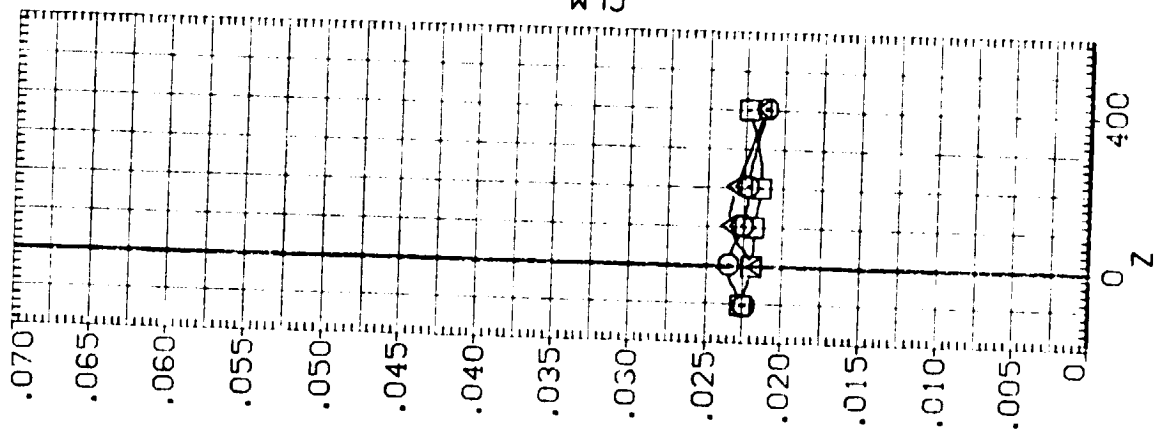
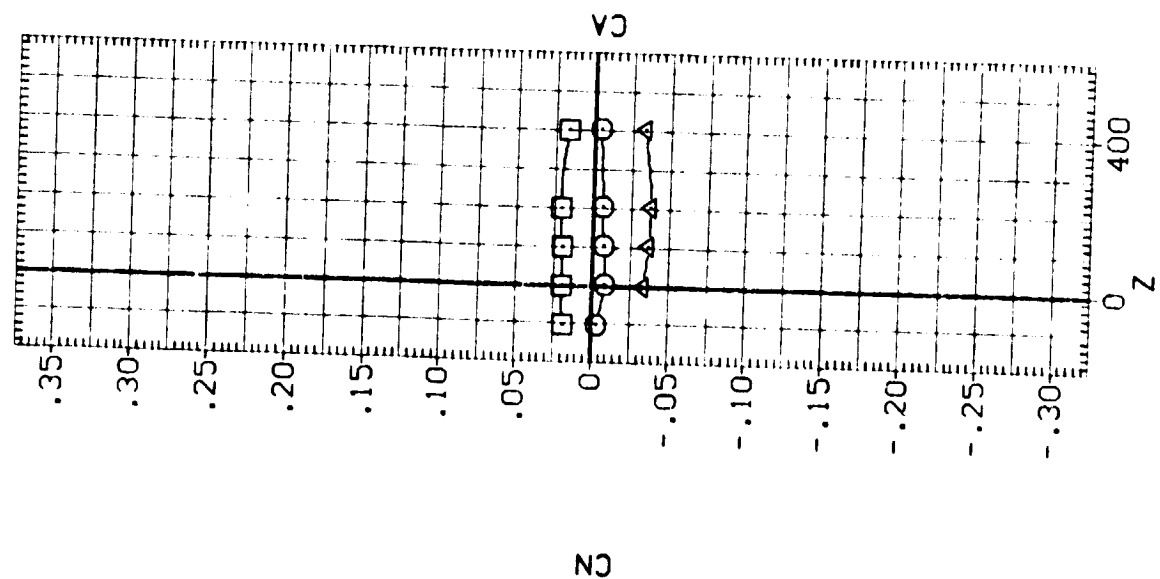


FIG. 4 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)  
(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	UBETA	X	MACH	REFERENCE INFORMATION
(ATU001)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	.000	.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU004)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU005)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	5.000	.000	.000	4.520	SREF 1290.3000 INCHES
			-5.000	.000			YMRP 1258.5000 IN. XS
							ZMRP 0.0000 IN. YS
							SCALE 400.0000 IN. ZS
							.0100

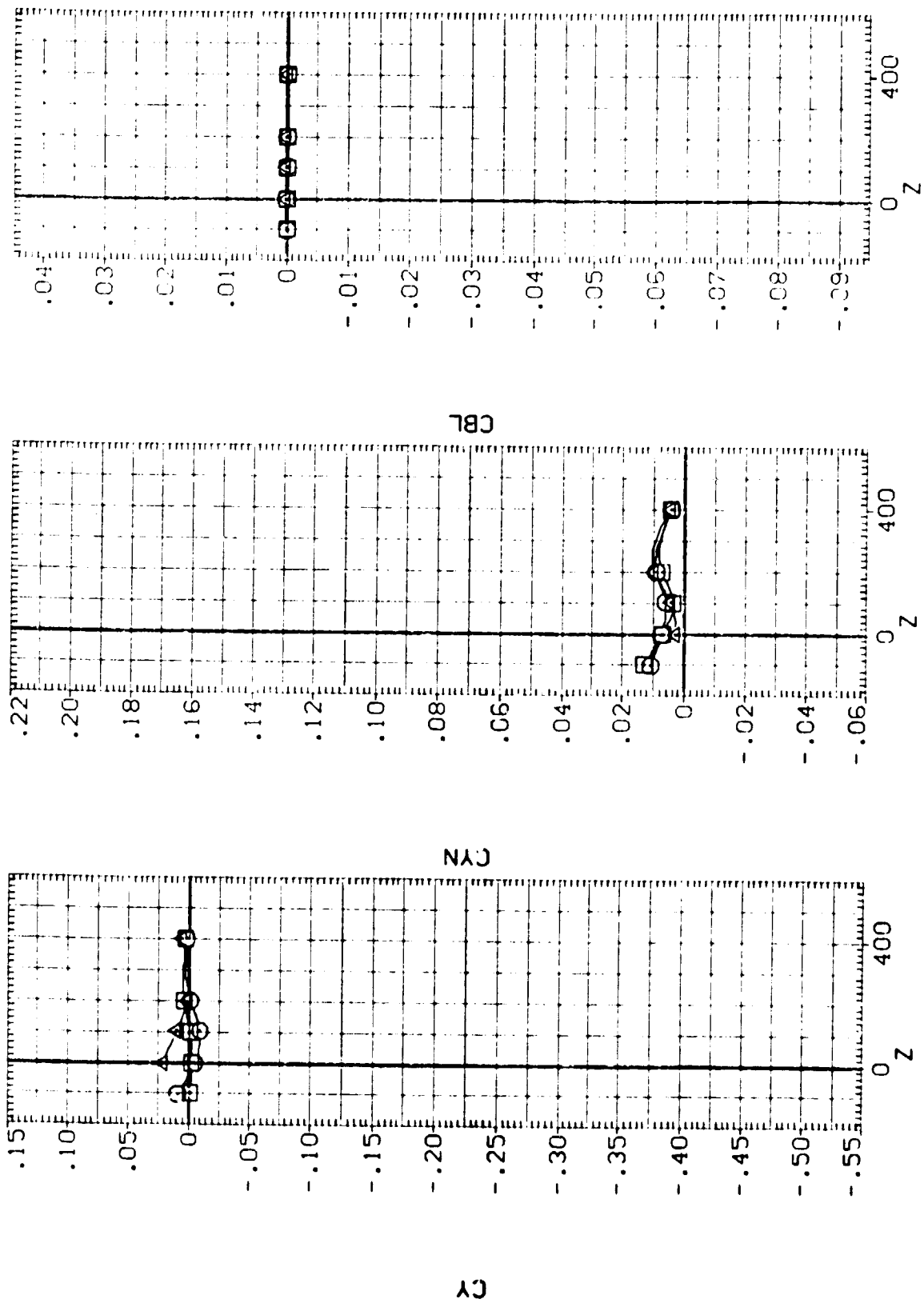


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(AT0001)	AEDC/VAS28(1A87)-01ET1S1-R/H	.000	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(AT0004)	AEDC/VAS28(1A87)-01ET1S1-R/H	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(AT0005)	AEDC/VAS28(1A87)-01ET1S1-R/H	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

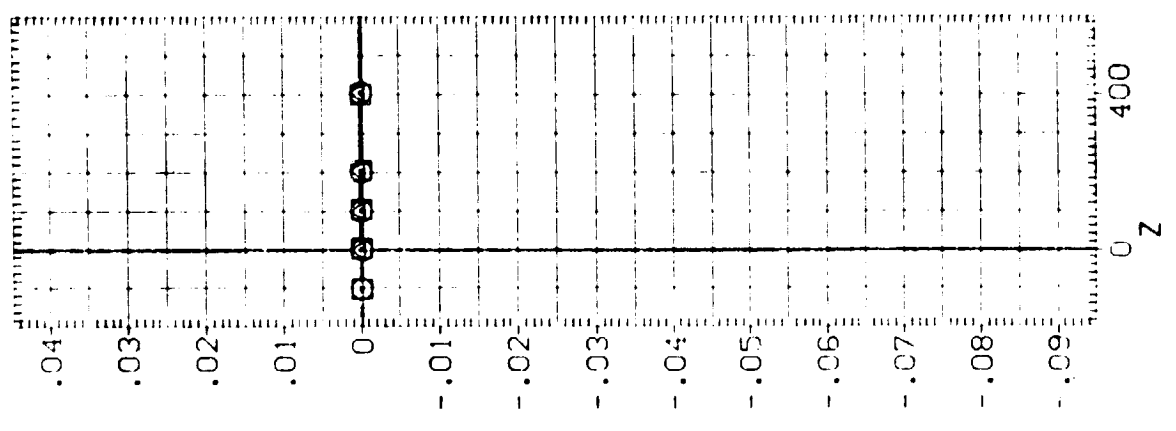
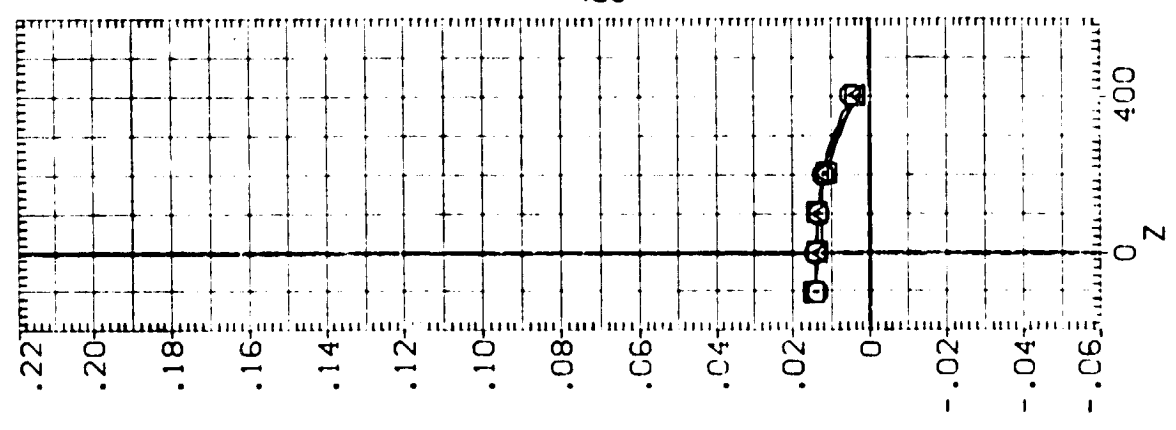
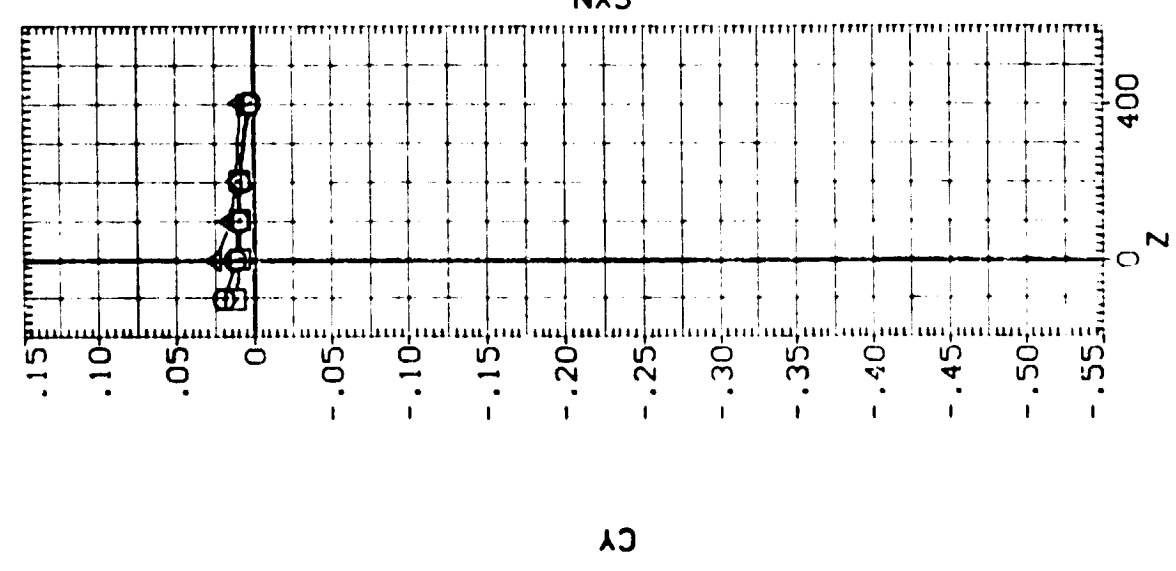


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EI	DELTA	DBETA	X	MACH	REFERENCE INFO	ION
(ATU001)	AEDC/VAS281(A87)-O/EI(S)-R/H	SRB SEPAR. FROM O/EI	.000	.000	.000	4.520	SRB 2650.0000	50. FT.
(ATU004)	AEDC/VAS281(A87)-O/EI(S)-R/H	SRB SEPAR. FROM O/EI	.000	.000	.000	4.520	SRB 1250.0000	INCHES
(ATU005)	AEDC/VAS281(A87)-O/EI(S)-R/H	SRB SEPAR. FROM O/EI	-5.000	.000	.000	4.520	SRB 1250.0000	INCHES
							YMRP 255.0000	IN. XS
							YMRP 400.0000	IN. YS
							ZMRP 400.0000	IN. ZS
							SCALE .0100	

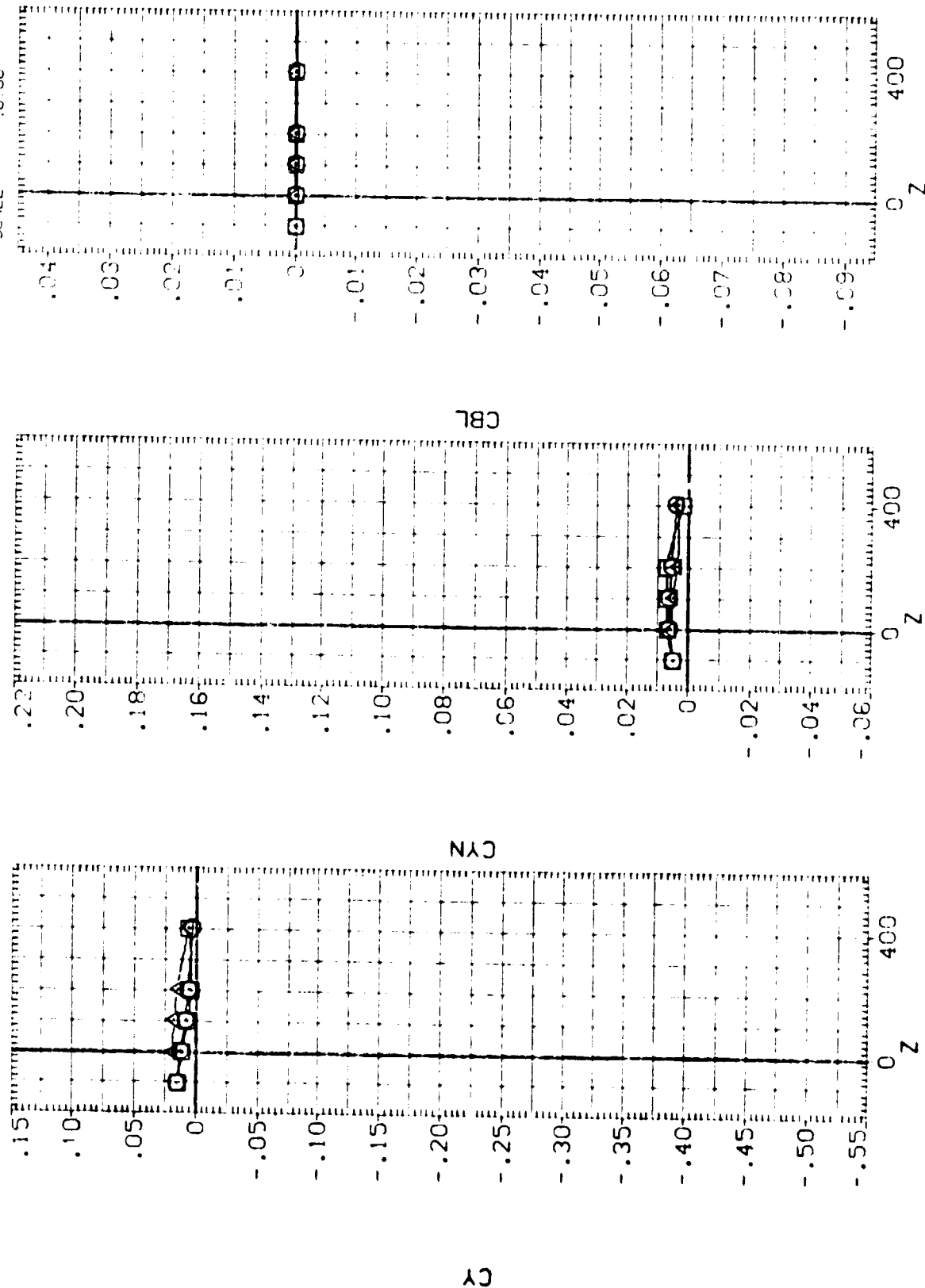


FIG.4 RIGHT SRB AERO CHARACTERISTICS FROM O/EI (ALPHA=-.4 BETA=0)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU001)	AEDC/VAS28(1A87)-01ET:SI-R/H	.000	.000	.000	4.520	SRF 2690.0000 SO.FT.
(ATU004)	AEDC/VAS28(1A87)-01ET:SI-R/H	.000	.000	.000	4.520	REF 1290.3000 INCHES
(ATU005)	AEDC/VAS28(1A87)-01ET:SI-R/H	-5.000	.000	.000	4.520	BRF 1290.3000 INCHES
						XRP 1258.5000 IN. XS
						YRP .0000 IN. YS
						ZRP 400.0000 IN. ZS
						SCALE .0100

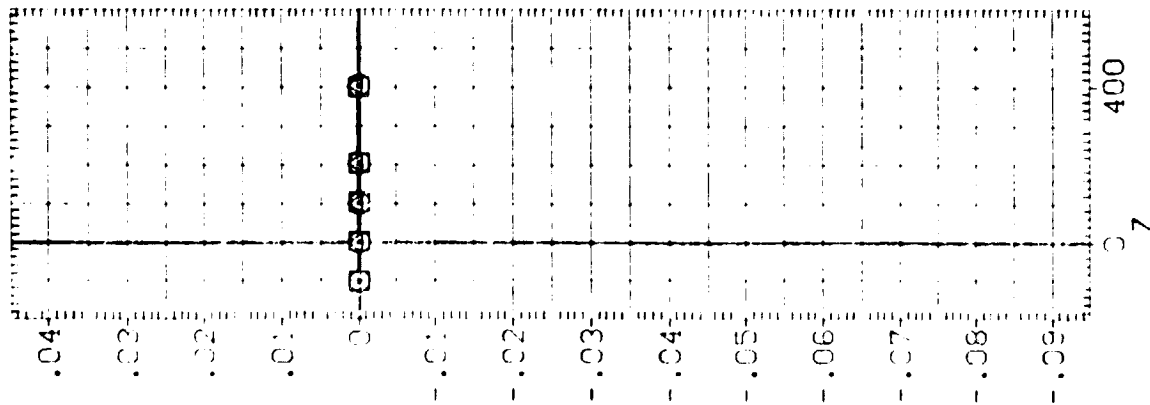
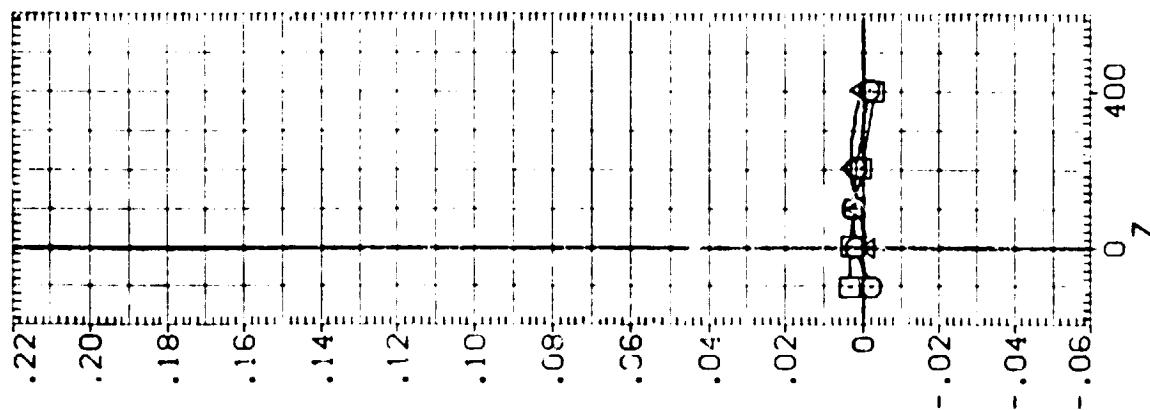
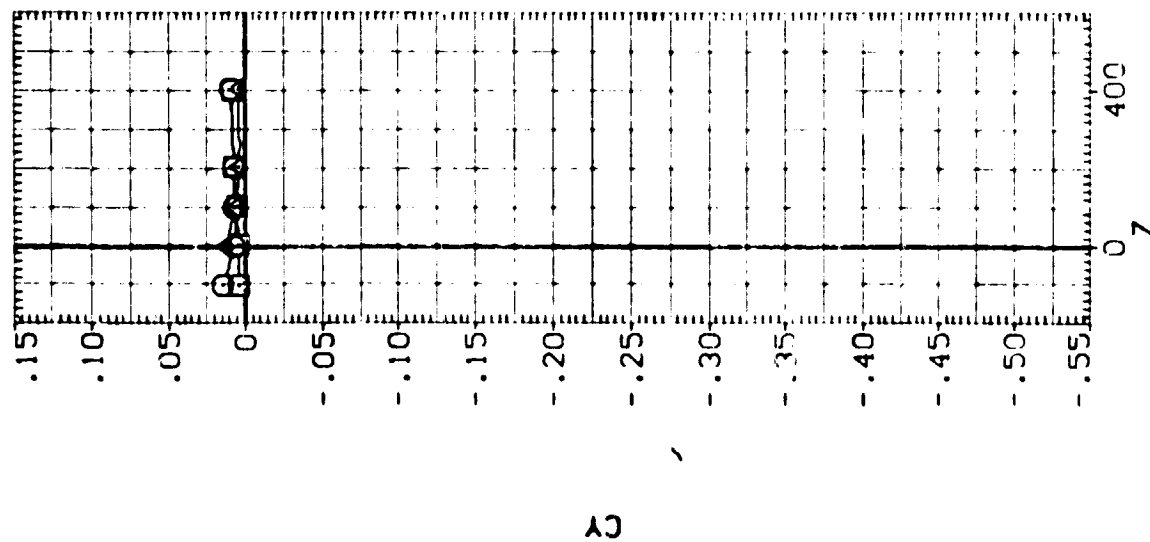


FIG.4 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA = -4, BETA = 0)

(0)Y = 400.00

DATA SET SYMBOL  
 (A)U002)  
 (A)U003)  
 (A)U006)

CONFIGURATION DESCRIPTION  
 AEDC/VA528(IAB7)-01ET:SI-R/H  
 AEDC/VA528(IAB7)-01ET:SI-R/H  
 AEDC/VA528(IAB7)-01ET:SI-R/H

SRB SEPAR. FROM O/E/T  
 SRB SEPAR. FROM O/E/T  
 SRB SEPAR. FROM O/E/T

DALPHA  
 .000  
 .000  
 .000

DBETA  
 .000  
 .000  
 .000

X  
 300.000  
 300.000  
 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 YMRP 1258.5000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

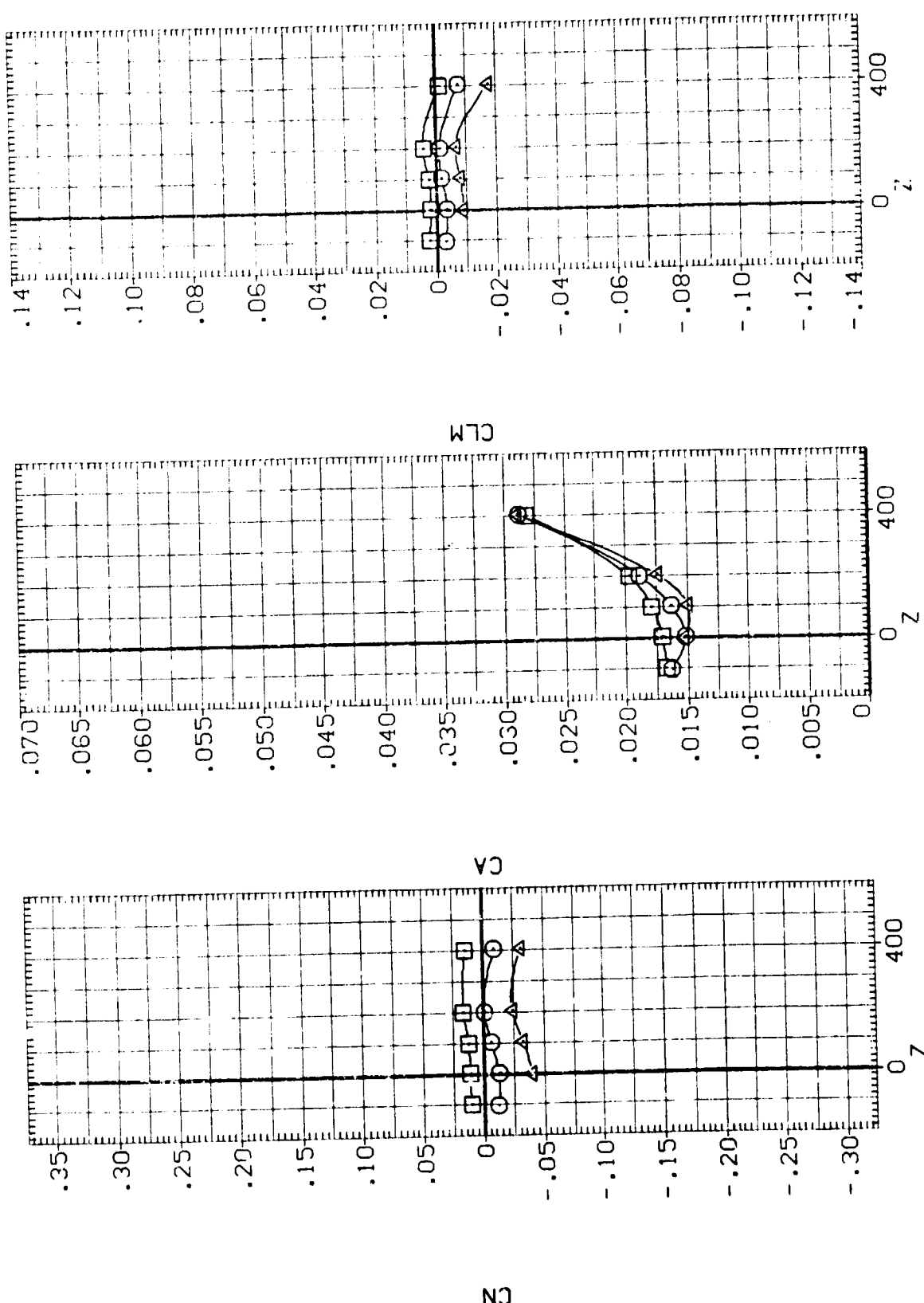


FIG.4 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/E/T (ALPHA=-.4 BETA=0)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU003)	AEDC/VA528(1A87)-01ET1S1-R/H	.000	.000	300.000	4.520	SREF 1291.0000 SQ.FT.
(ATU003)	AEDC/VA528(1A87)-01ET1S1-R/H	.000	.000	300.000	4.520	LREF 1291.3000 INCHES
(ATU006)	AEDC/VA528(1A87)-01ET1S1-R/H	-5.000	.000	300.000	4.520	BREF 1291.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP 0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .3100

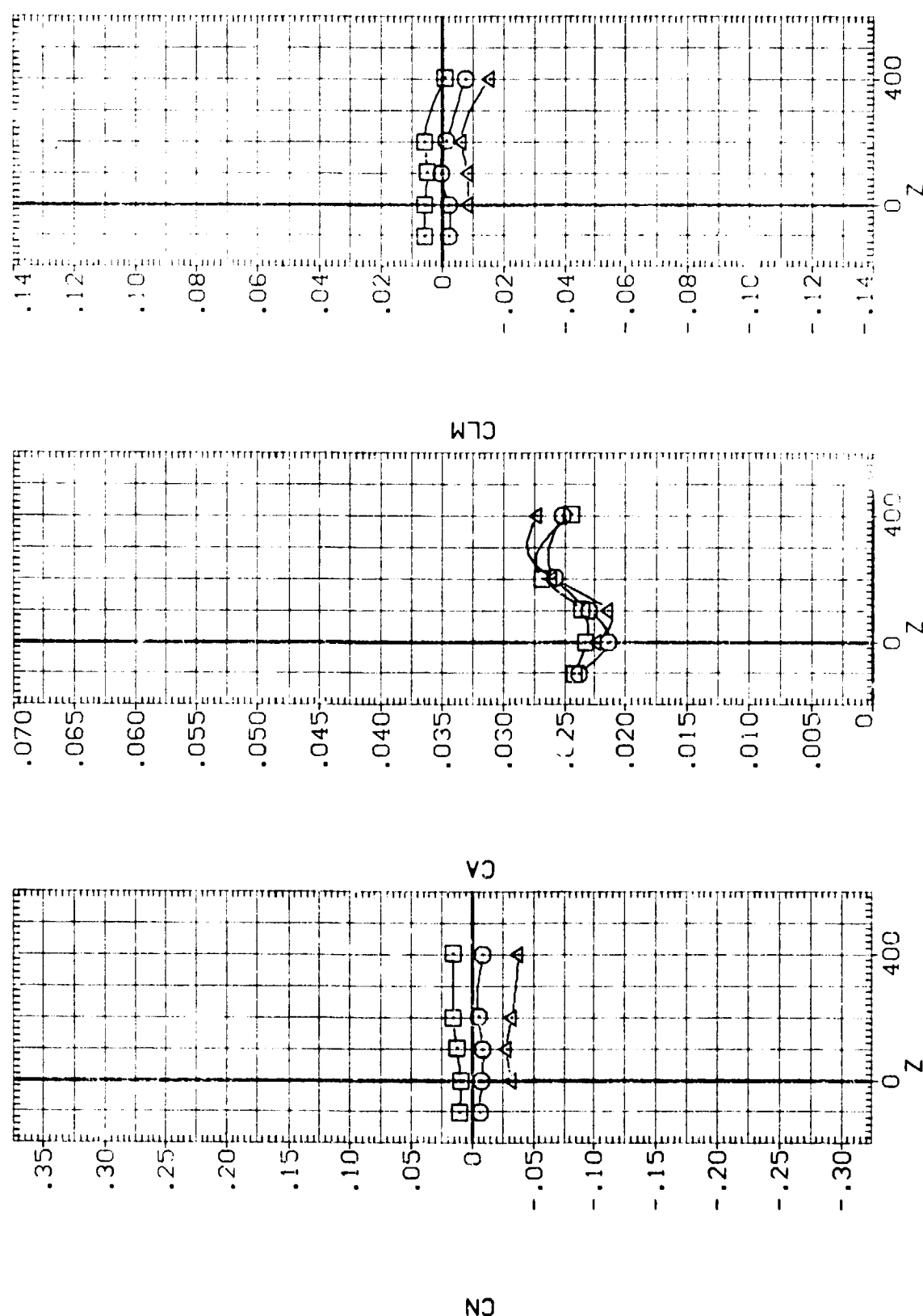


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/EI (ALPHA=-.4 BETA=0)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFO	ION
(ATU002)	AEDC/VAS28(1,87)-01ETIS1-R/H	.000	.000	300.000	4.520	SREF 2690.0000	50. FT.
(ATU003)	AEDC/VAS28(1,87)-01ETIS1-R/H	.000	.000	300.000	4.520	BREF 1290.3000	INCHES
(ATU006)	AEDC/VAS28(1,87)-01ETIS1-R/H	-5.000	.000	300.000	4.520	BREF 1290.3000	INCHES
						XMRD 1258.5000	IN. XS
						YMRD .0000	IN. YS
						ZMRD 400.0000	IN. ZS
						SCALE .0100	

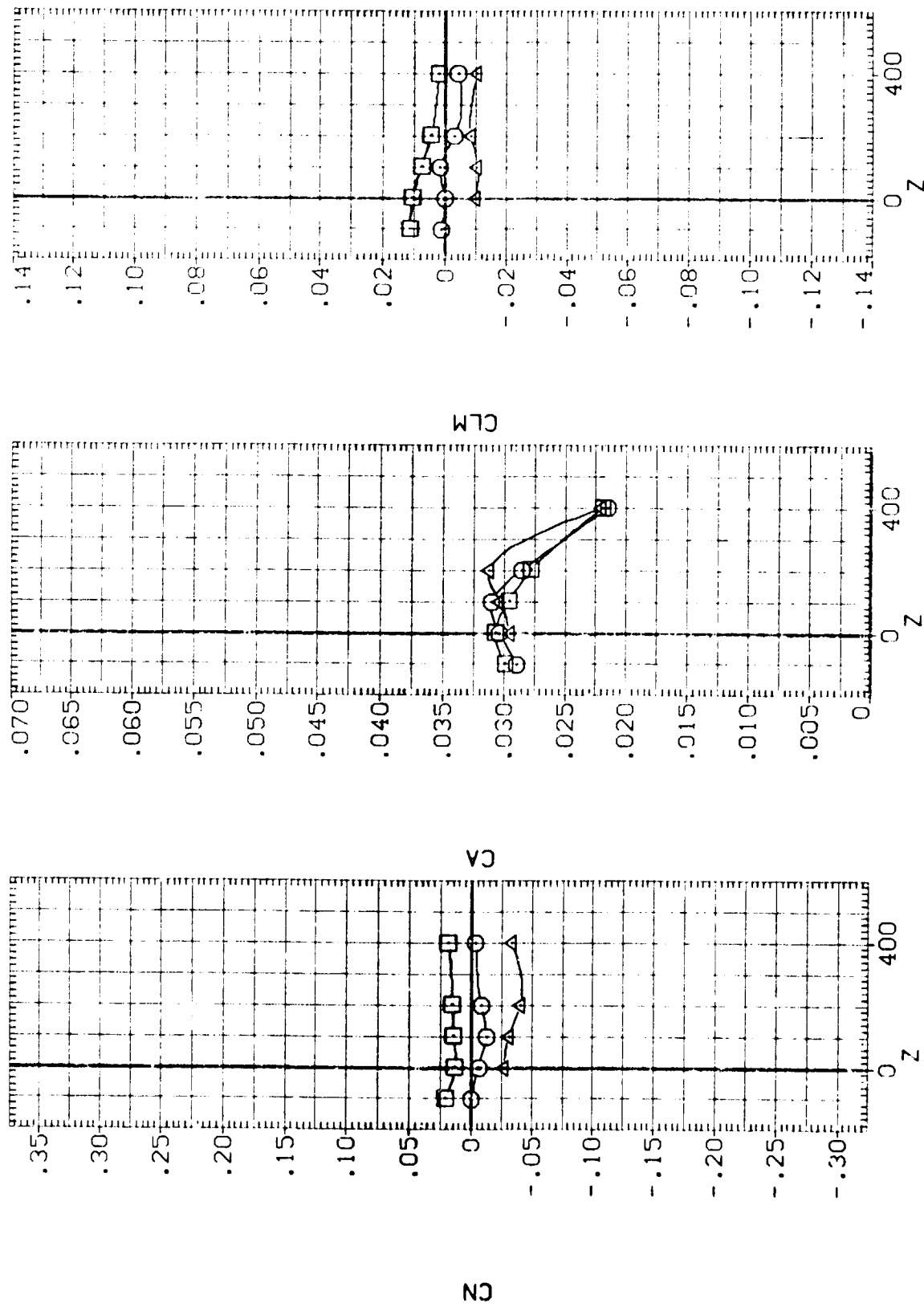


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=-.4 BETA=0)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU002)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU003)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	LREF 1250.3000 INCHES
(ATU006)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	.000	300.000	4.520	BREF 1250.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP 400.0000 IN. YS
							SCALE .0100

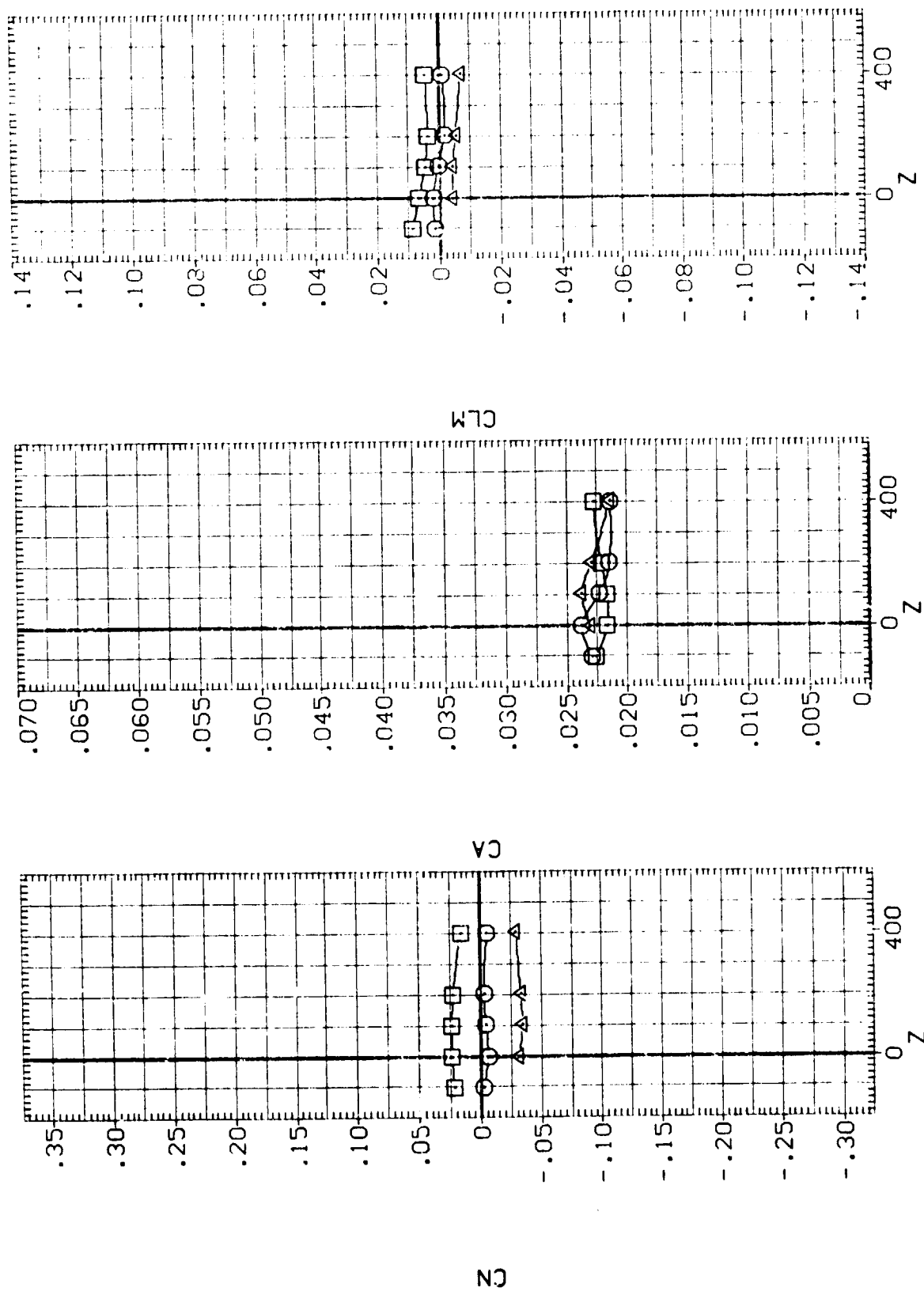





FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(D)Y =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU0002)  AEDC/VAS28(1A87)-01ETIS1-R/H  
 (ATU0003)  AEDC/VAS28(1A87)-01ETIS1-R/H  
 (ATU0006)  AEDC/VAS28(1A87)-01ETIS1-R/H

MACH REFERENCE INFORMATION  
 4.520 SREF 2690.0000 SQ.FT.  
 4.520 LREF 1290.3000 INCHES  
 4.520 BREF 1290.3000 INCHES  
 AMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

DALPHA DBETA X  
 .000 .000 300.000  
 .000 .000 300.000  
 -5.000 .000 300.000

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

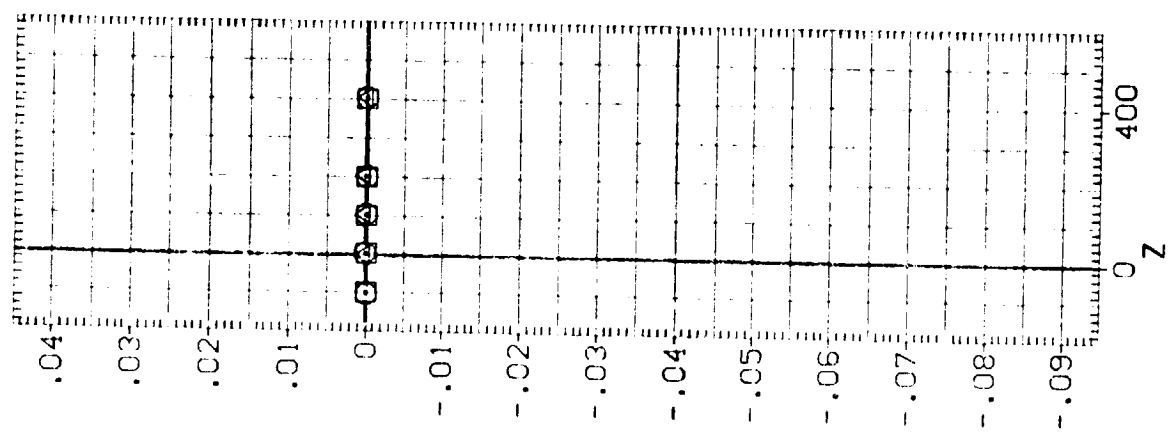
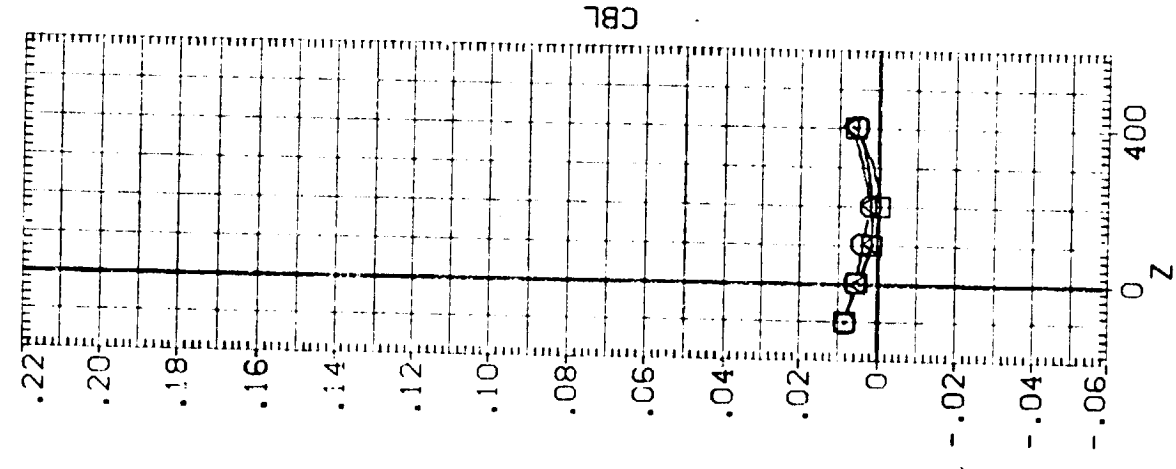
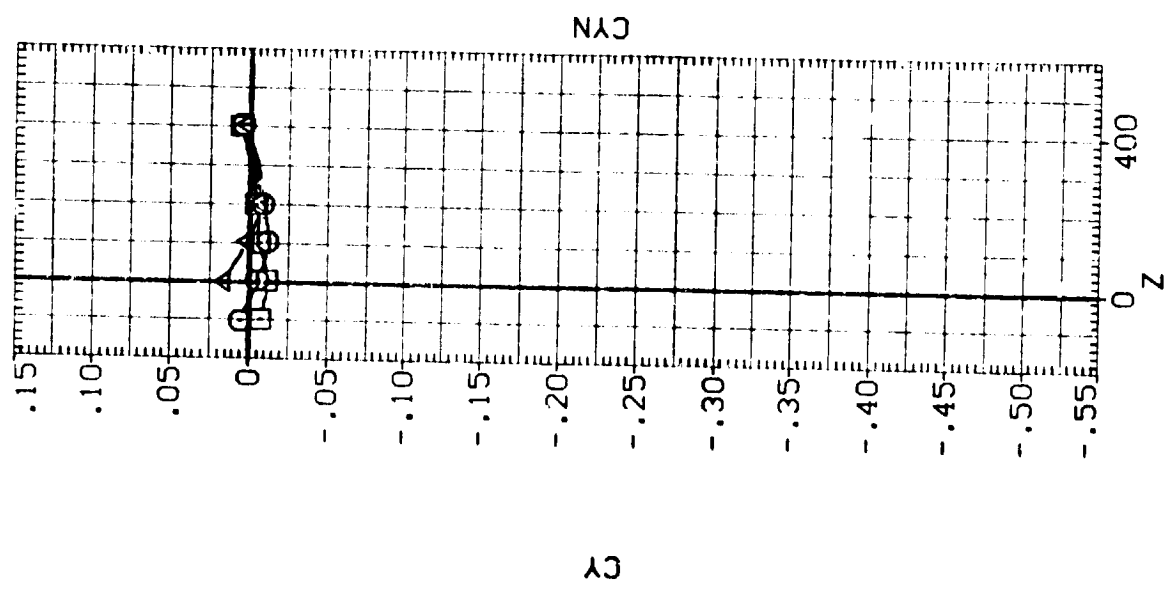


FIG.4 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=-.4 BETA=0)

(A)Y = 10.00

DATA SET SYMBOL  
(ATU002)  
(ATU003)  
(ATU006)

CONFIGURATION DESCRIPTION  
AEDC/VA528(1A87)-01ETIS1-R/H  
AEDC/VA528(1A87)-01ETIS1-R/H  
AEDC/VA528(1A87)-01ETIS1-R/H

SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET

DBETA  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SO. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

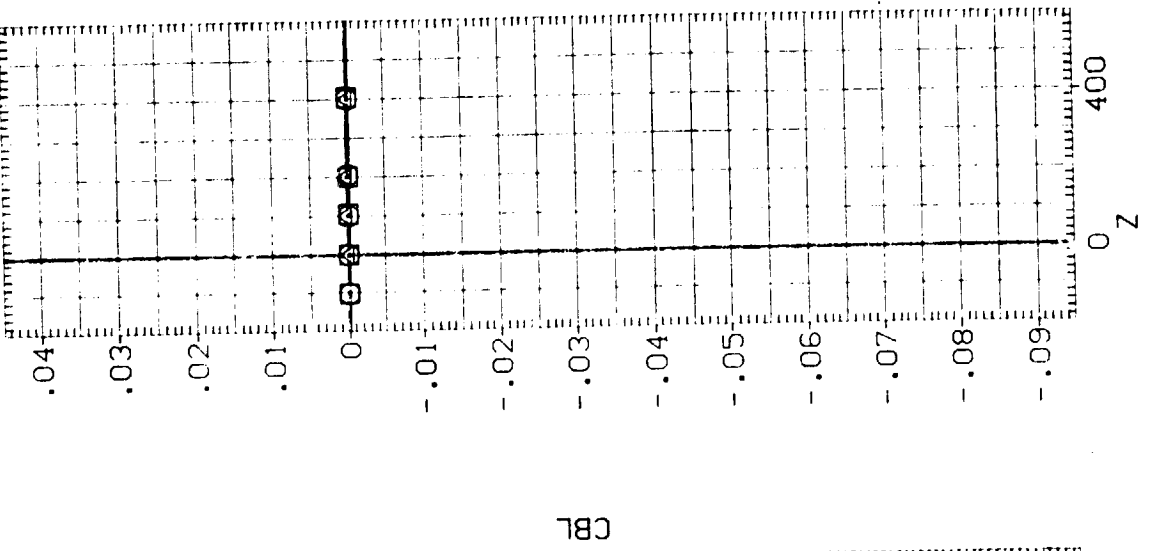
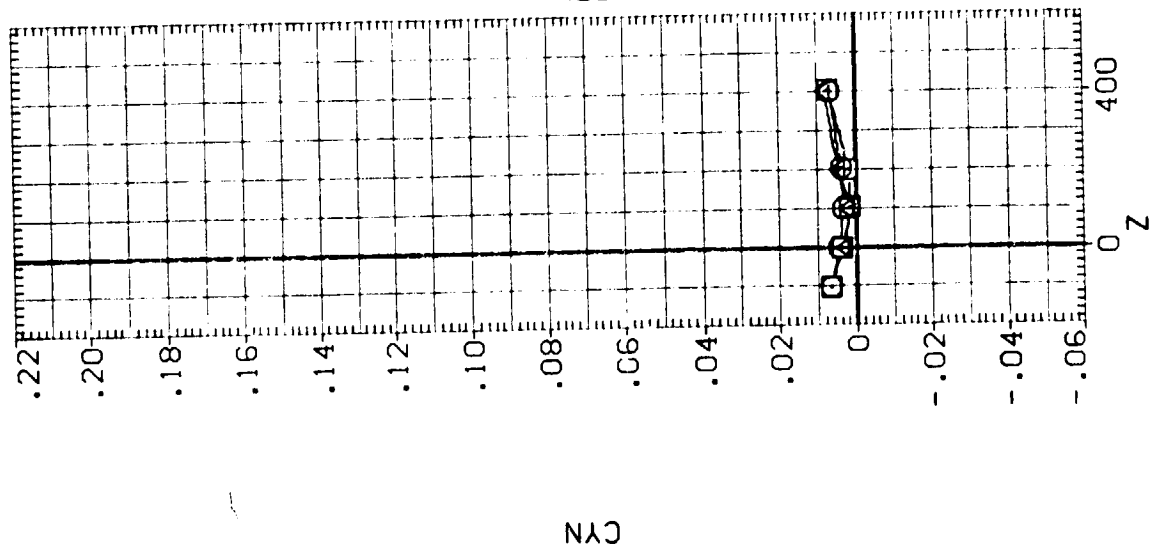
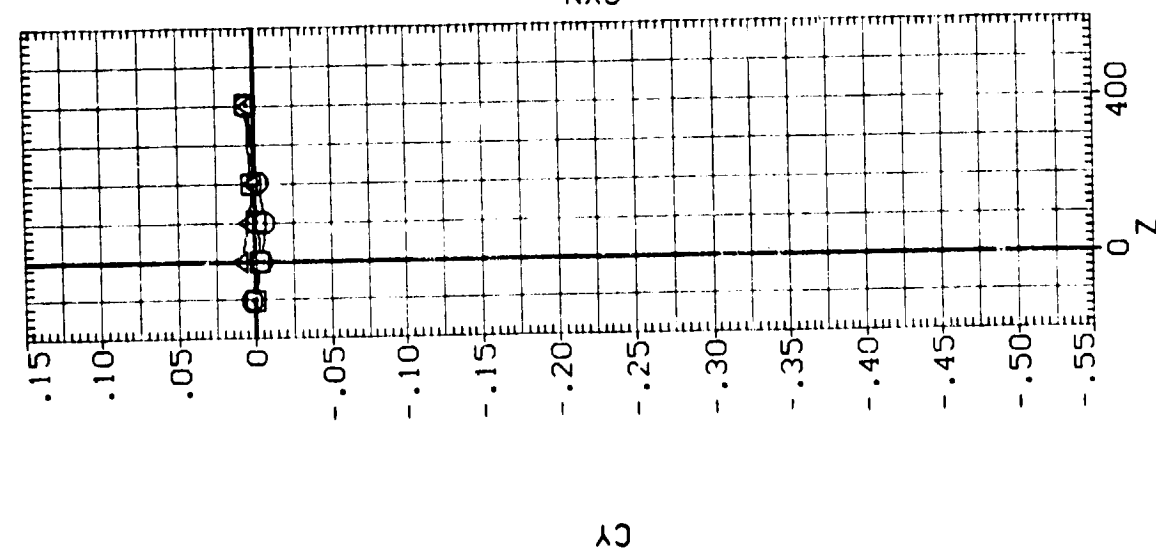


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=-.4 BETA=0)

(B)Y =100.00

DATA SET SYMBOL	CONF	IGURATION	DESCRIPTION	SRB	SEPAR. FROM	O/EET	DALPHA	DBETA	X	MACH	REFERENCE	INFOR	ION
(ATU002)	Q	AEDC/VA528(IAB7)	-O1ET1S1-R/H	SRB	SEPAR. FROM	O/EET	.000	.000	300.000	4.520	SREF	2690.0000	50. FT.
(ATU003)	Q	AEDC/VA528(IAB7)	-O1ET1S1-R/H	SRB	SEPAR. FROM	O/EET	.000	.000	300.000	4.520	LREF	1290.3000	INCHES
(ATU006)	Q	AEDC/VA528(IAB7)	-O1ET1S1-R/H	SRB	SEPAR. FROM	O/EET	-5.000	.000	300.000	4.520	BREF	1290.3000	INCHES
											YMRD	1258.5000	IN. XS
											ZMRD	.0000	IN. YS
											SCALE	400.0000	IN. ZS
												.0100	

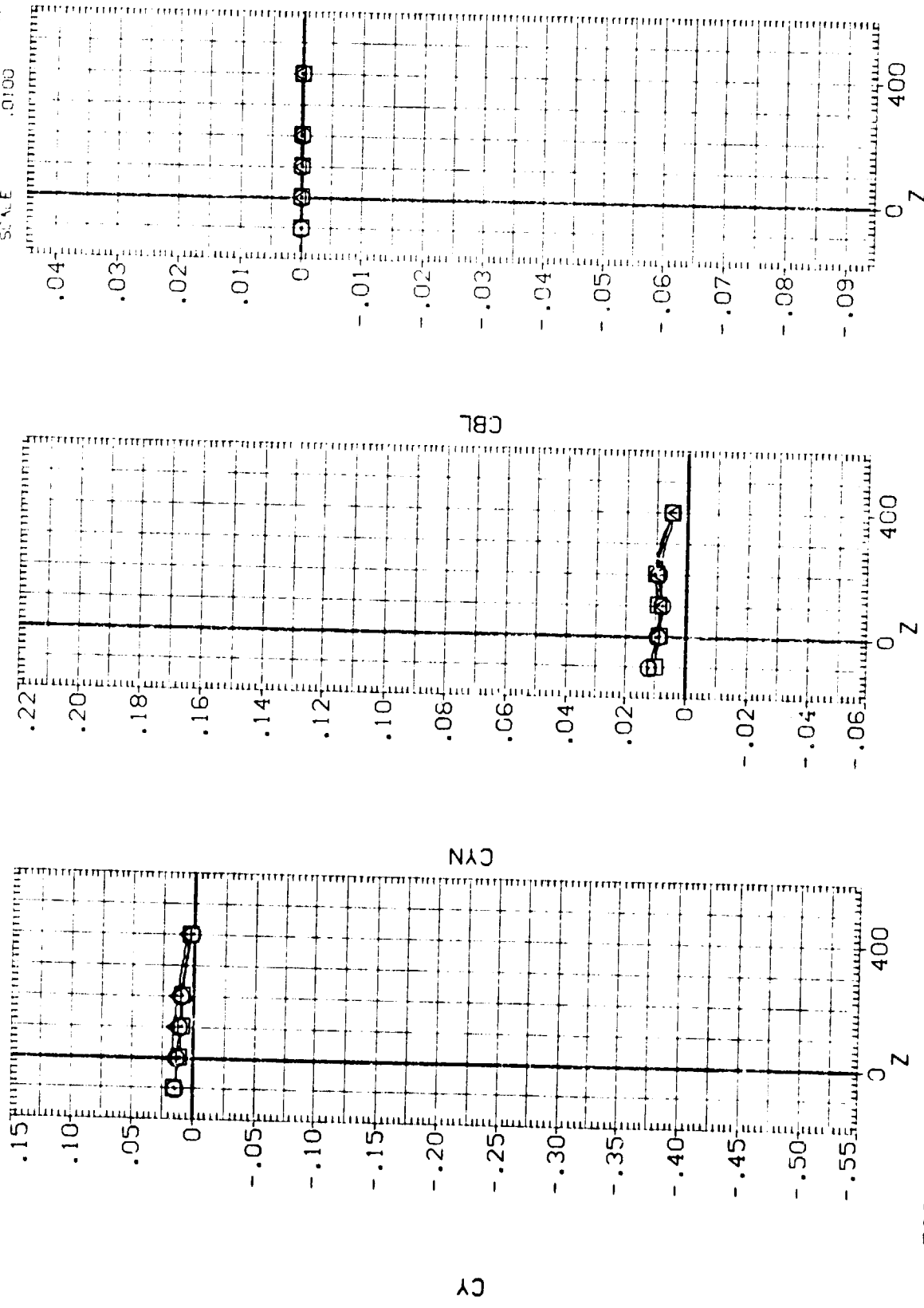


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/EET (ALPHA=-.4 BETA=0)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU002)	AEDC/VAS28(IAB7)-01ET1SI-R/H	SRB	SEPAR. FROM O/EI	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU003)	AEDC/VAS28(IAB7)-01ET1SI-R/H	SRB	SEPAR. FROM O/EI	5.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU006)	AEDC/VAS28(IAB7)-01ET1SI-R/H	SRB	SEPAR. FROM O/EI	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
								YMRP 1258.5000 IN. XS
								ZMRP .0000 IN. YS
								ZMRP 400.0000 IN. ZS
								SCALE .0100

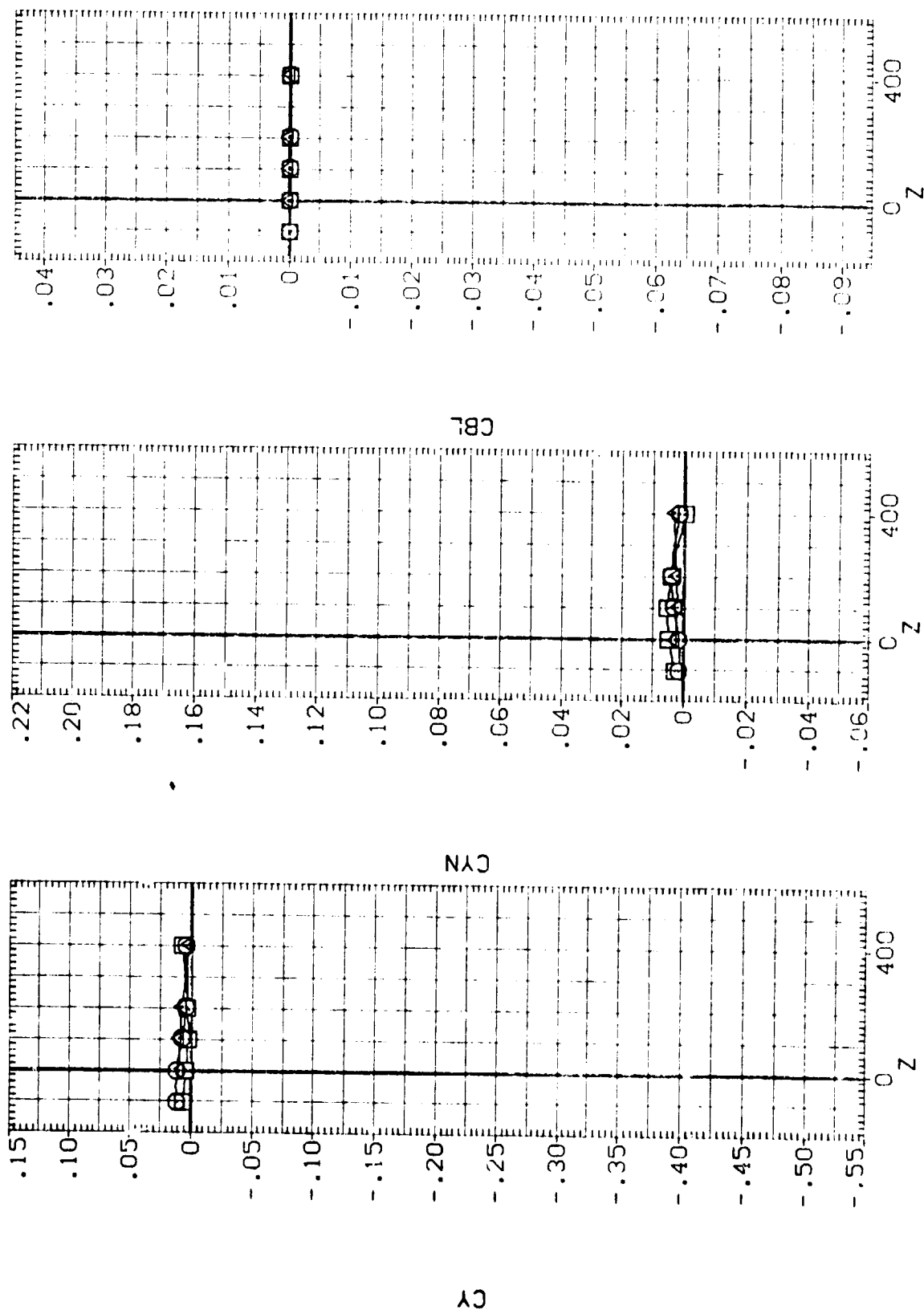


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/EI (ALPHA=-.4 BETA=0)

(D) Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM C/ET	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
[ATUC07]	AEDC/VAS28 (AB7)-CIET (S)-R/H	SRB SEPAR. FROM C/ET	SRB SEPAR. FROM O/ET	.000	-4.000	.000	4.520	SREF 2690.0000 SQ. FT.
[TU010]	AEDC/VAS28 (AB7)-CIET (S)-R/H	SRB SEPAR. FROM C/ET	SRB SEPAR. FROM O/ET	5.000	-4.000	.000	4.520	LREF 1290.3000 AC-ES
[ATUC11]	AEDC/VAS28 (AB7)-CIET (S)-R/H	SRB SEPAR. FROM C/ET	SRB SEPAR. FROM O/ET	-5.000	-4.000	.000	4.520	BREF 1290.3000 AC-ES
								YMRP .0000 N. YS
								ZMRP .0000 N. ZS
								SCALE 400.0000

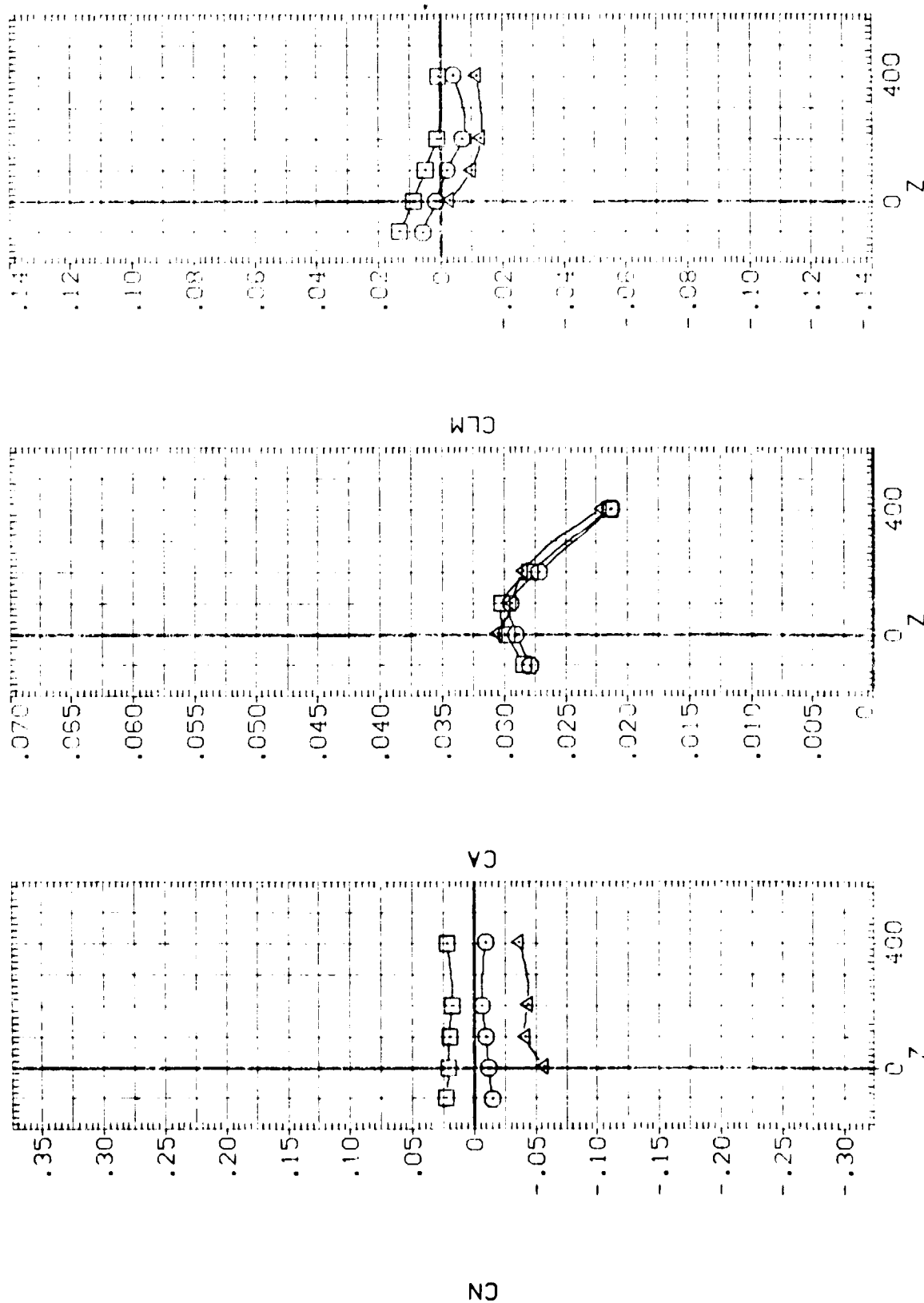


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM C/ET (ALPHA=-.4 BETA=0)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	MACH	REFERENCE INFORMATION
(ATU007)	AEDC/VAS28(1A87)-01ETISI-R/H	.000	-4.000	4.520	SREF 2690.0000 SO.FT.
(ATU010)	AEDC/VAS28(1A87)-01ETISI-R/H	.000	-4.000	4.520	LREF 1290.3000 INCHES
(ATU011)	AEDC/VAS28(1A87)-01ETISI-R/H	-5.000	-4.000	4.520	BREF 1290.3000 INCHES
					XMRP 1258.5000 IN. XS
					YMRP .0000 IN. YS
					ZMRP 400.0000 IN. ZS
					SCALE .0100

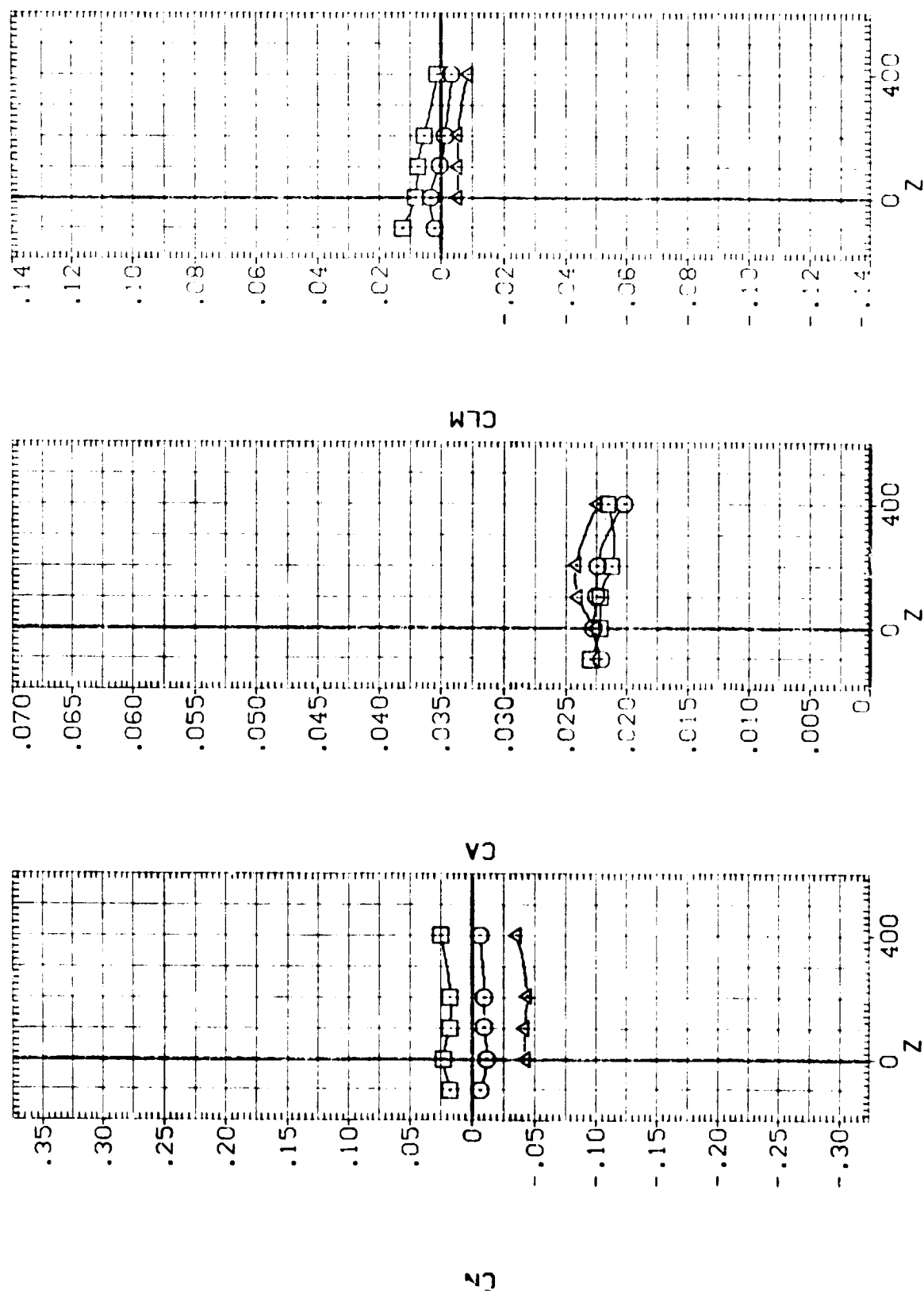


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)  
(C)Y =200.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE INFO	ION
(ATU007)	AEDC/VA528(1A87)-01ETIS1-R/H	0.00	-4.000	0.00	4.520	SREF 2690.0000	50. FT.
(ATU010)	AEDC/VA528(1A87)-01ETIS1-R/H	5.000	-4.000	0.00	4.520	LREF 1290.3000	INCHES
(ATU011)	AEDC/VA528(1A87)-01ETIS1-R/H	-5.000	-4.000	0.00	4.520	BREF 1290.3000	INCHES
						XMRP 1258.5000	N. AS
						YMRP 0.0000	N. ZS
						ZMRP 400.0000	N. ZS
						SCALE 10100	

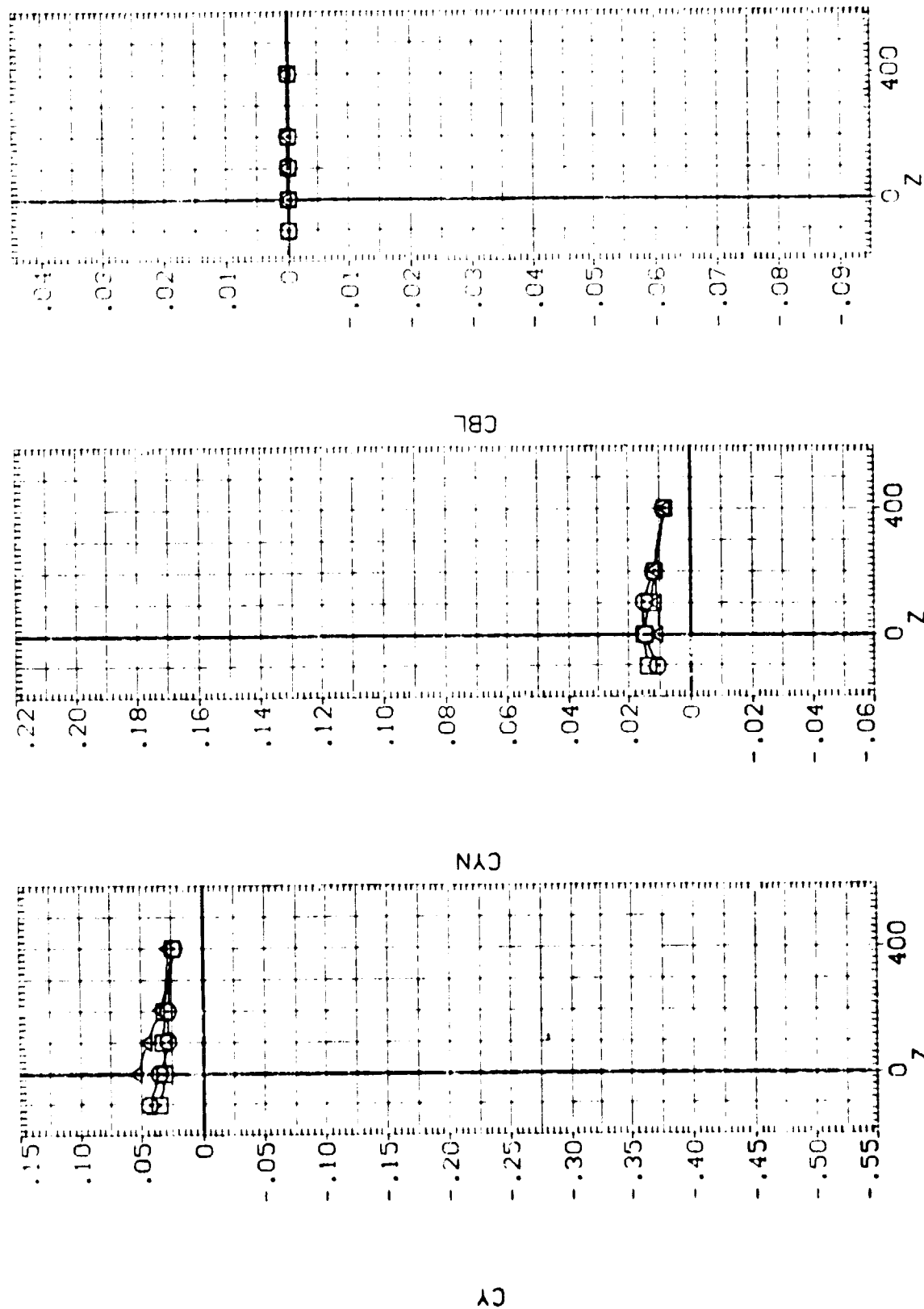


FIG.4 RIGHT SRB AERO CHARACTERISTICS FROM Q/ET (ALPHA=-4 BETA=0)

(CY) = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E	DELTA	BETA	X	Y	Z	CH	REFERENCE INFORMATION
(ATU007)	AEDC/VAS281(A87)-O1ET151-R/H	SRB SEPAR. FROM O/E	.000	-4.000	.000	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU010)	AEDC/VAS281(A87)-O1ET151-R/H	SRB SEPAR. FROM O/E	.000	-4.000	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU011)	AEDC/VAS281(A87)-O1ET151-R/H	SRB SEPAR. FROM O/E	.000	-4.000	.000	.000	.000	4.520	BREF 1290.3000 INCHES
									XMRP 1258.5000 IN. XS
									YMRP .0000 IN. YS
									ZMRP 400.0000 IN. ZS
									SCALE .0100

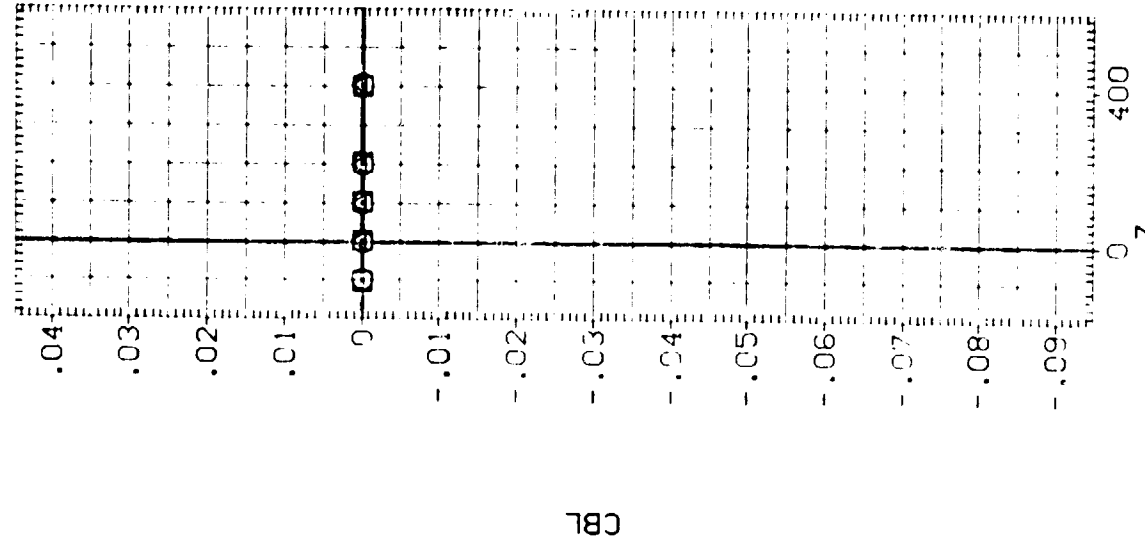
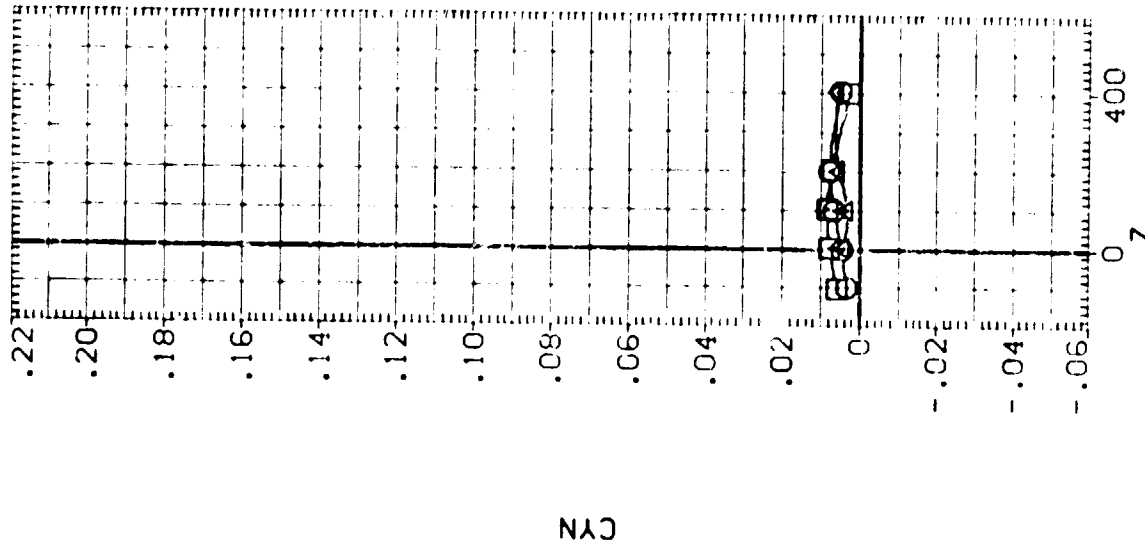
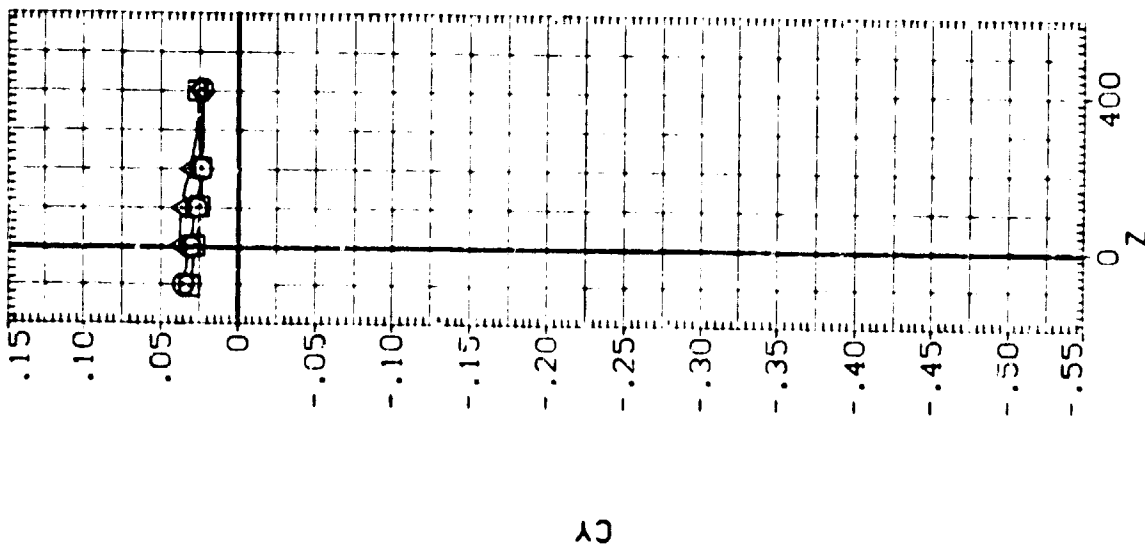


FIG.4 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/E (ALPHA=-.4 BE(A=0))

(O)Y =400.00

DATA SET SYMBOL	CONF	IGURATION	DESCRIPTION	SRB	SEPAR. FROM	O/ET	DALPHA	DBETA	X	MACH	REFERENCE	INFORMATION
(ATU008)	Q	AEDC/VA528(IAB7)	-G1ETISI-R/H	SRB	SEPAR. FROM	O/ET	.000	-4.000	300.000	4.520	SREF	2690.0000 SQ. FT.
(ATU009)	Q	AEDC/VA528(IAB7)	-G1ETISI-R/H	SRB	SEPAR. FROM	O/ET	.000	-4.000	300.000	4.520	LREF	1290.3000 INCHES
(ATU012)	Z	AEDC/VA528(IAB7)	-G1ETISI-R/H	SRB	SEPAR. FROM	O/ET	-5.000	-4.000	300.000	4.520	BREF	1290.3000 INCHES
											XMRP	1258.5000 IN. XS
											ZMRP	.0000 IN. YS
											SCALE	400.0000 IN. ZS
												.0100

C-2

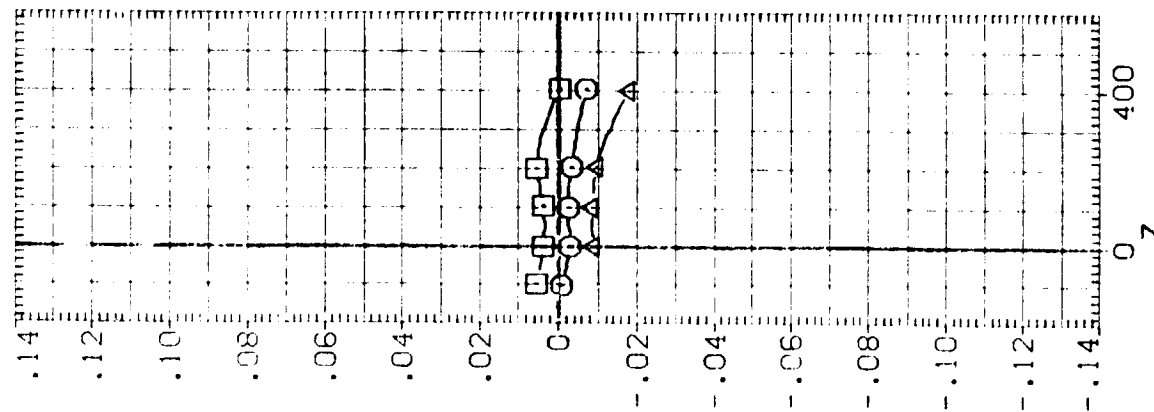
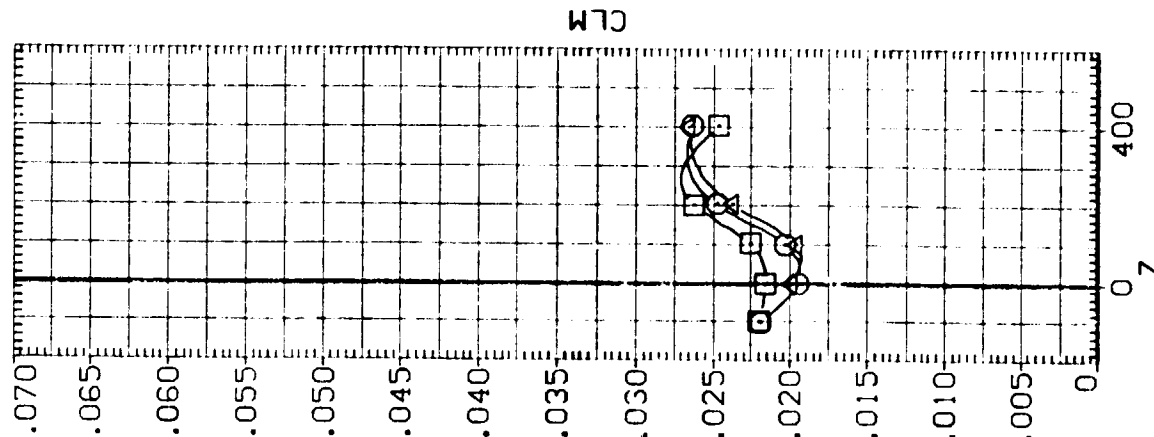
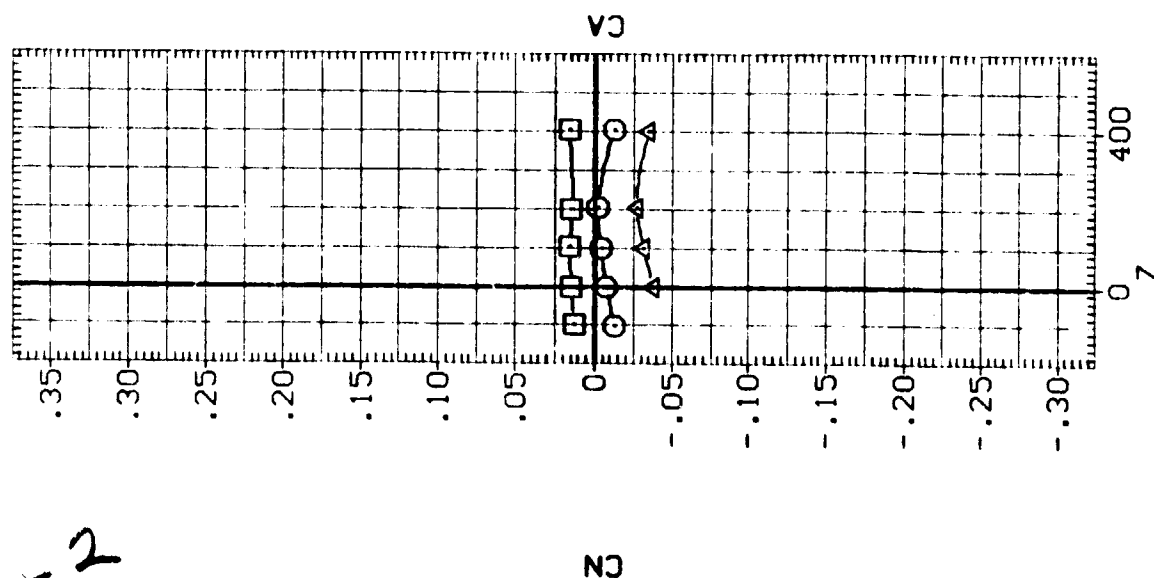


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(B) Y = 100.00



# DATA SET SYMBOL

(ATUD08)  
(ATUD09)  
(ATUD12)

## CONFIGURATION DESCRIPTION

AECC/VAS28(IAB7)-01ETIS1-R/H  
AECC/VAS28(IAB7)-01ETIS1-R/H  
AECC/VAS28(IAB7)-01ETIS1-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
.000  
5.000  
-5.000

DBETA  
-4.000  
-4.000  
-4.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

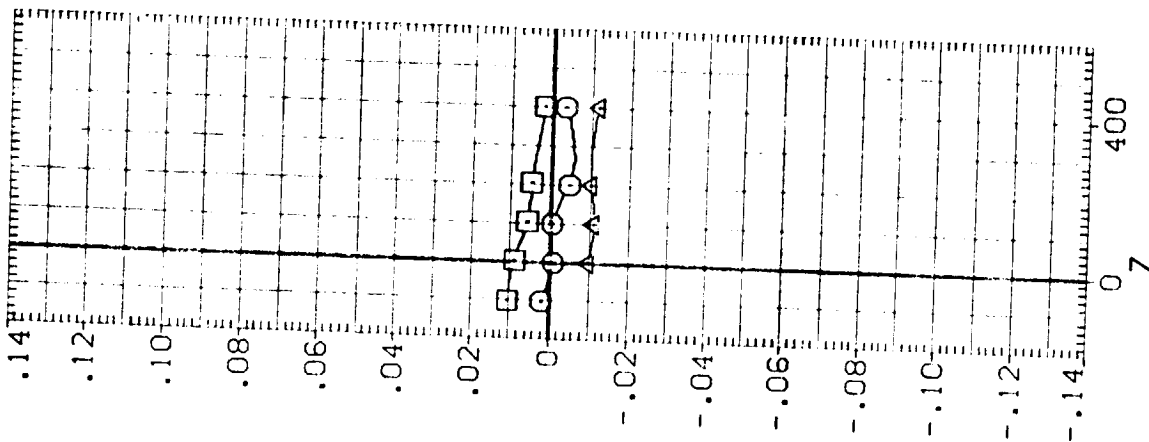
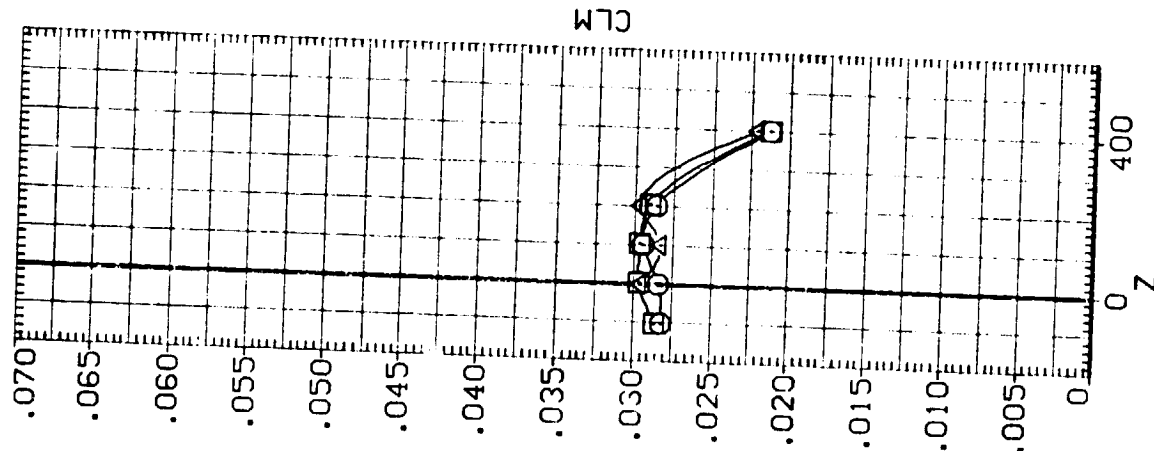
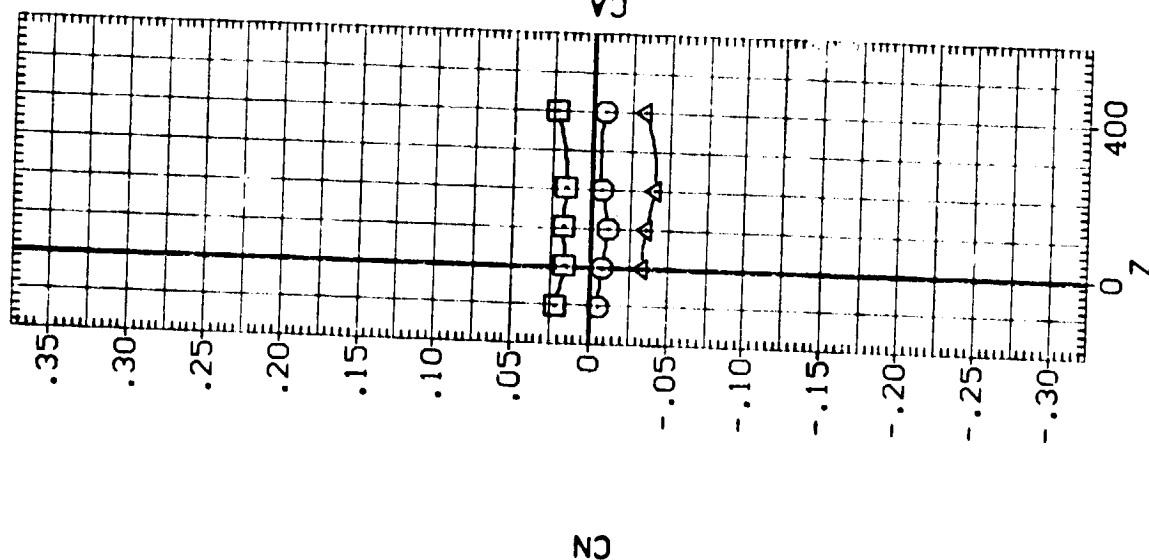


FIG.4 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)  
(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFO	ION
(ATU008)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	-4.000	300.000	4.520	SREF	2690.0000 SQ.FT.
(ATU009)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	-4.000	300.000	4.520	LREF	1290.3000 INCHES
(ATU012)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	-4.000	300.000	4.520	BREF	1290.3000 INCHES
							XMRP	1258.5000 IN. XS
							YMRP	.0000 IN. YS
							ZMRP	400.0000 IN. ZS
							SCALE	.0100

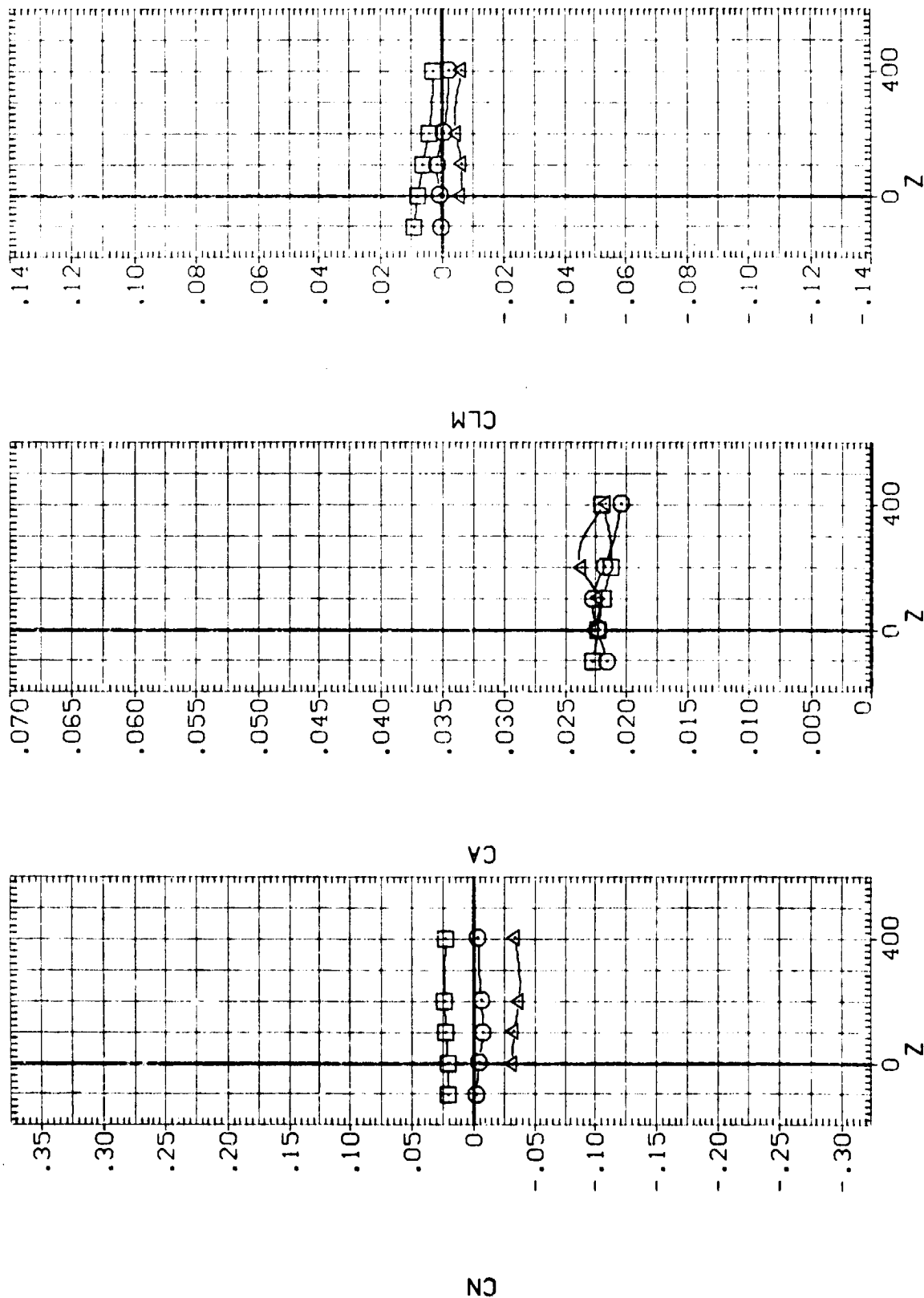


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(O)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU008)	AEDC/VA528(IAB7)-01ETIS1-R/H	.000	-4.000	300.000	4.520	SREF 2650.0000 SO.FT.
(ATU009)	AEDC/VA528(IAB7)-01ETIS1-R/H	.000	-4.000	300.000	4.520	LREF 1250.3000 INCHES
(ATU012)	AEDC/VA528(IAB7)-01ETIS1-R/H	-5.000	-4.000	300.000	4.520	BREF 1250.3000 INCHES
						YMRP 1258.5000 IN. XS
						ZMRP .0000 IN. YS
						SCALE 400.0000 IN. ZS

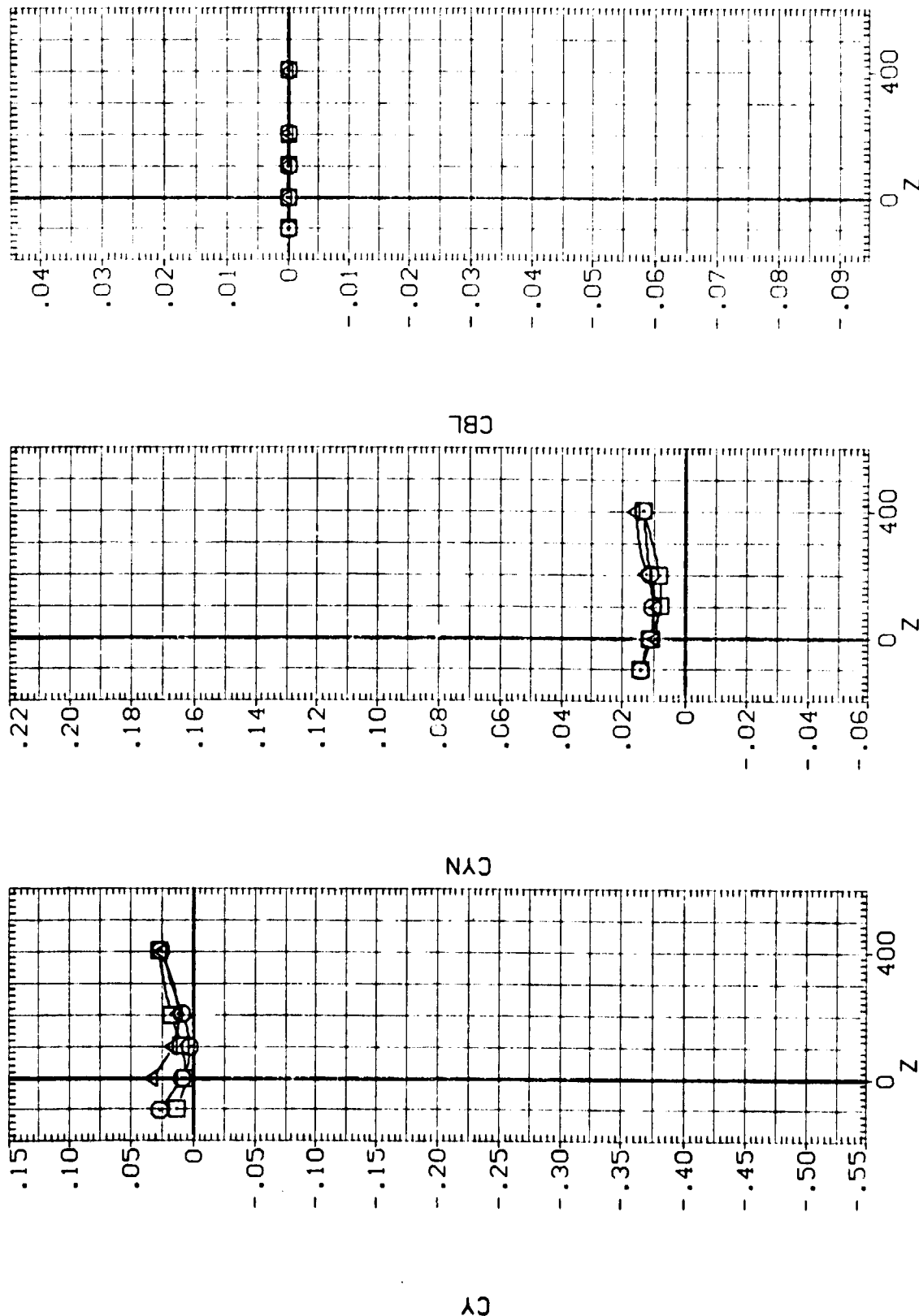


FIG.4 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(B) Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU008)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	-4.000	300.000	4.520	SREF 2690.0000 SO. FT.
(ATU009)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.000	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU012)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	-4.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRO 1258.5000 IN. XS
							YMRO 400.0000 IN. YS
							ZMRO 400.0000 IN. ZS
							SCALE .0100

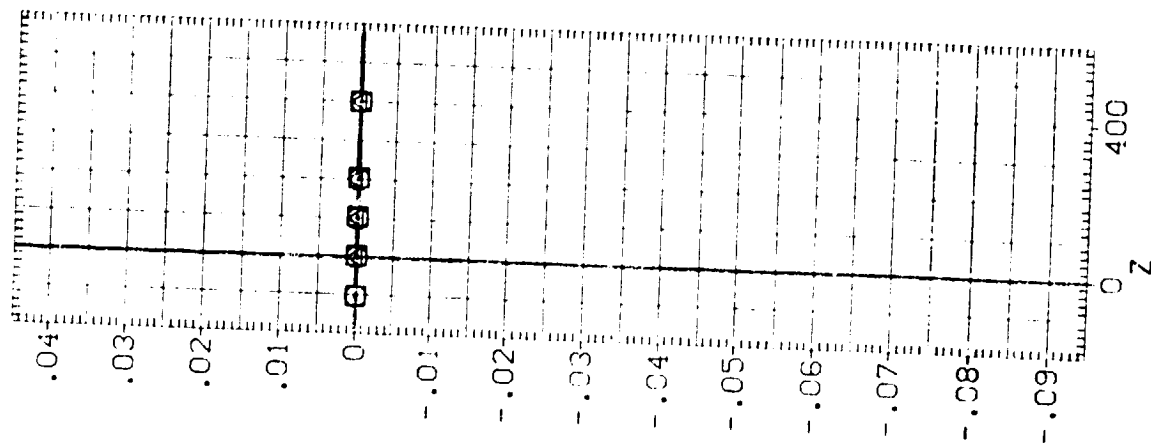
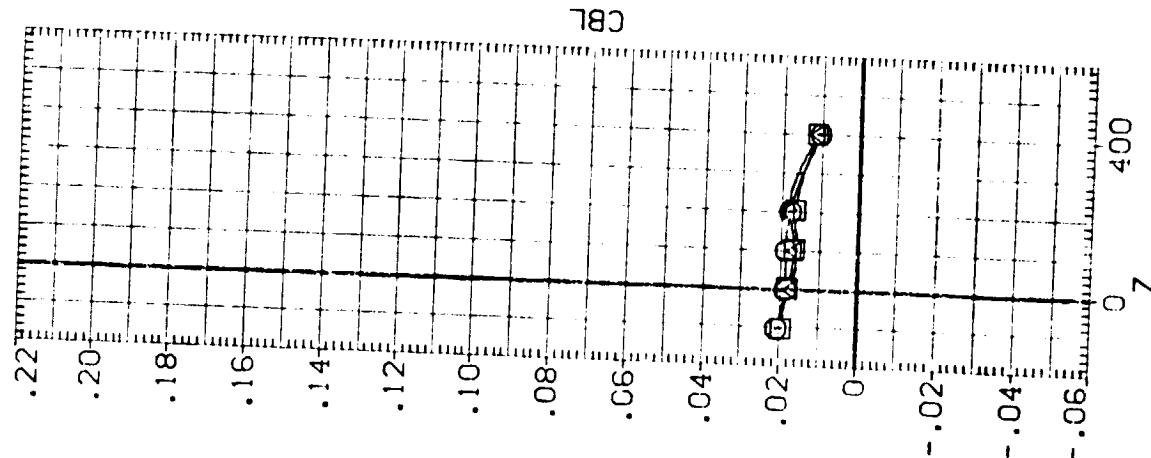
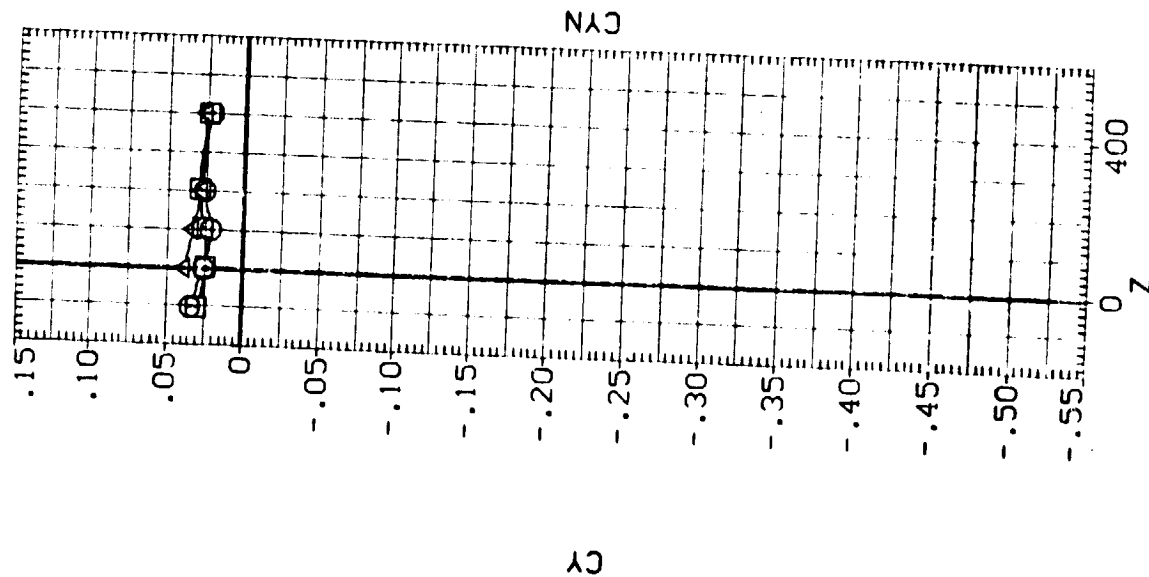


FIG.4 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)  
(CY) =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU008)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	.000	-4.000	300.000	4.520	SREF 2590.0000 SQ.FT.
(ATU009)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	.000	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU012)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	-5.000	-4.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

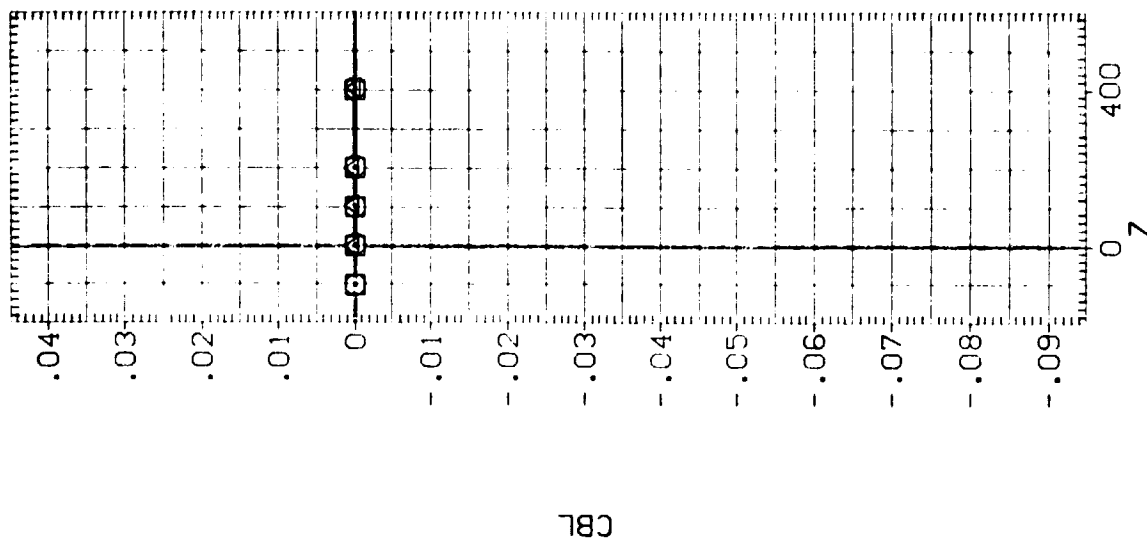
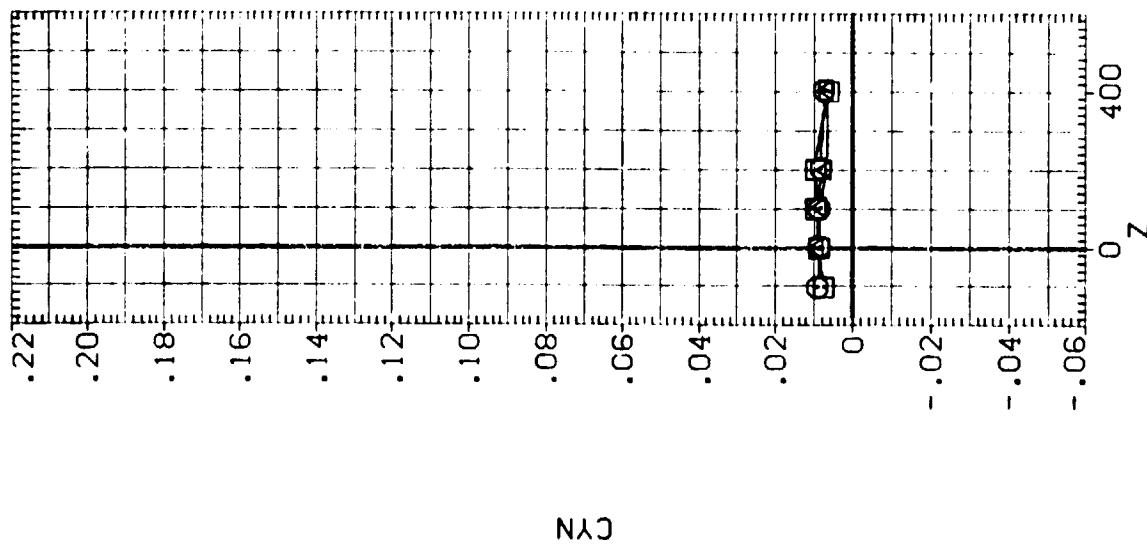
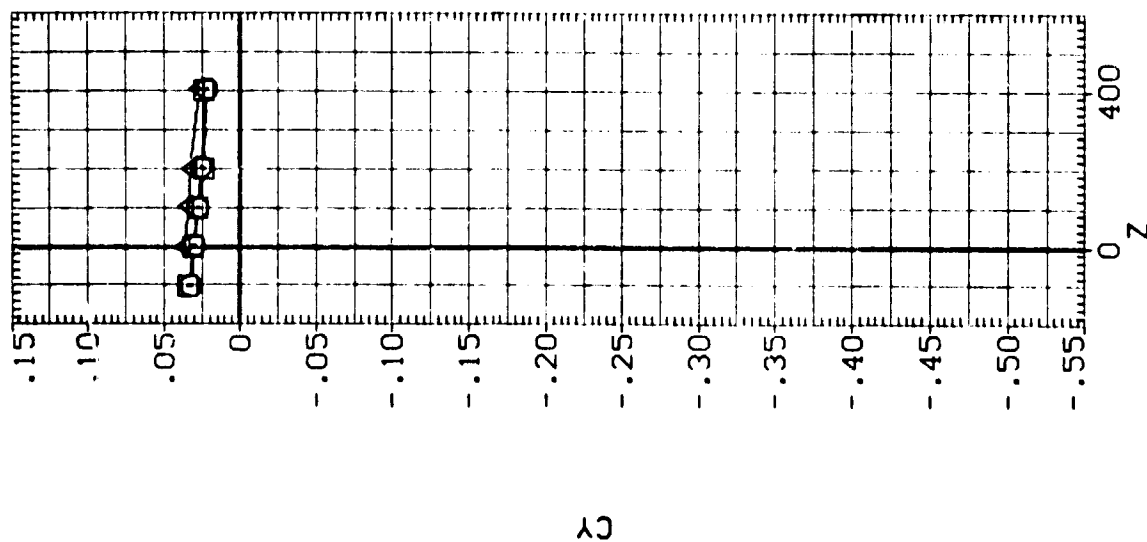


FIG.4 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFROM	IN
(ATU013)	AEBC/VAS28(IAB7)-O1ET1SI-R/H	SRB SEPAR. FROM O/ET	.000	-8.000	.000	4.520	SREF	2690.0000
(ATU016)	AEBC/VAS28(IAB7)-O1ET1SI-R/H	SRB SEPAR. FROM O/ET	.000	-8.000	.000	4.520	LREF	1290.3000
(ATU017)	AEBC/VAS28(IAB7)-O1ET1SI-R/H	SRB SEPAR. FROM O/ET	.000	-8.000	.000	4.520	BREF	1290.3000
							YMRP	1258.5000
							ZMRP	400.0000
							SCALE	.0100

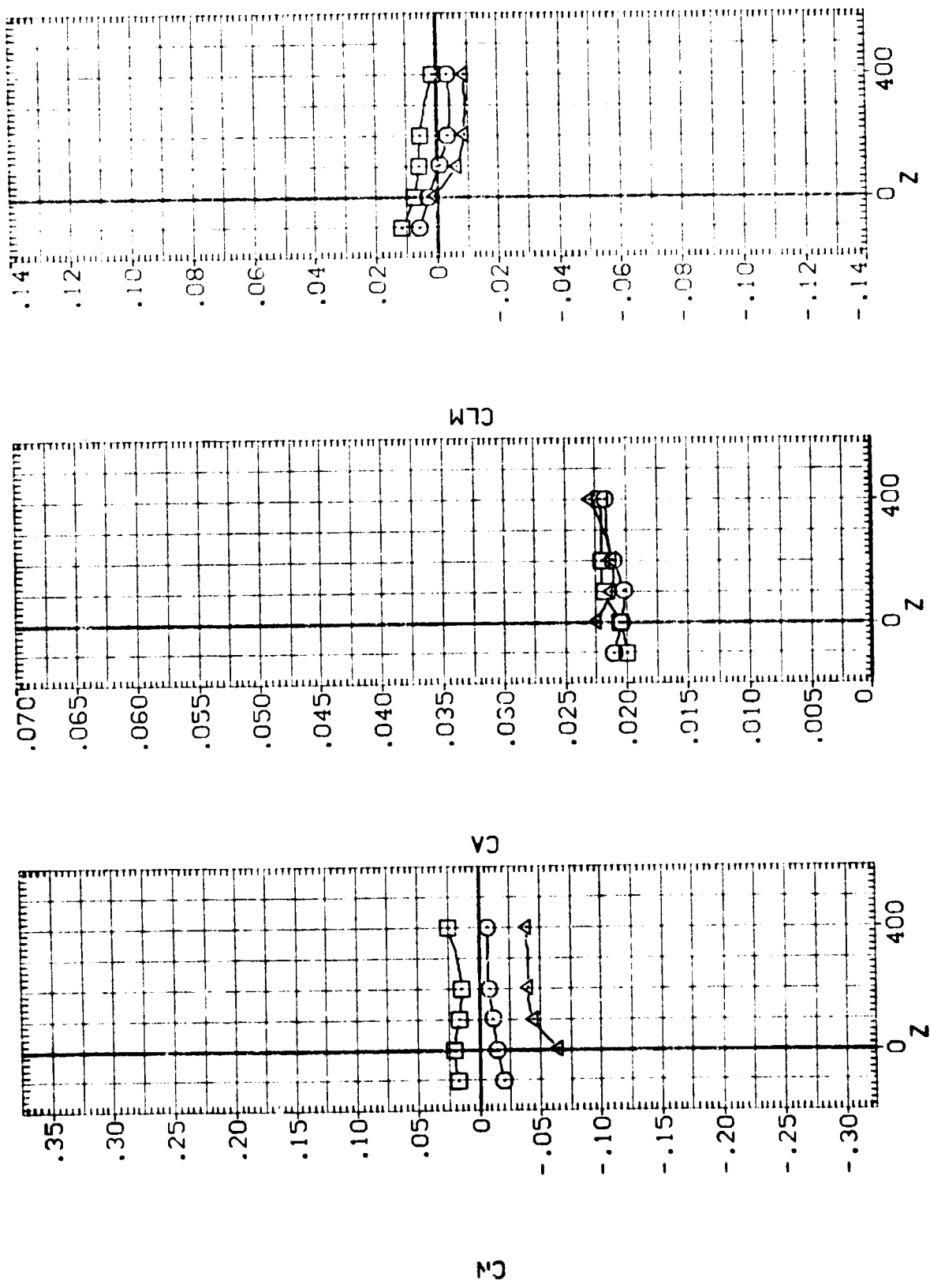


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU013)	AEDC/VA528(1A87)-01ETISI-R/H	.000	-8.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU016)	AEDC/VA528(1A87)-01ETISI-R/H	.000	-8.000	.000	4.520	REF 1290.3000 INCHES
(ATU017)	AEDC/VA528(1A87)-01ETISI-R/H	.000	-8.000	.000	4.520	BREF 1290.3000 INCHES
						YMRP .0000 IN. XS
						ZMRP .0000 IN. YS
						SCALE .0100 IN. ZS

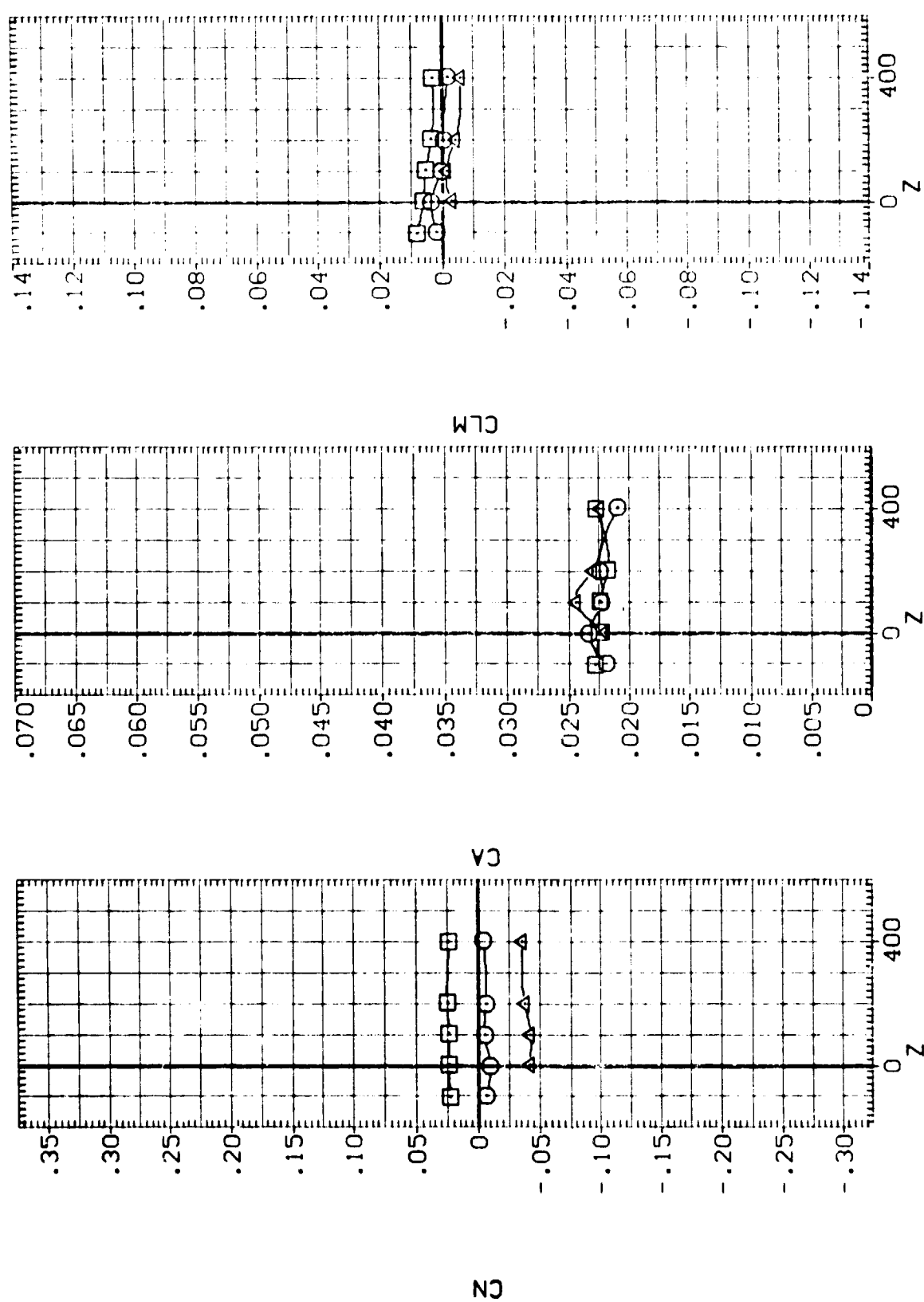


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DBETA	X	MACH	REFERENCE INFO.	ION
(A10013)	AEDC/VA528(1A87)-01ET151-R/H	SRB SEPAR. FROM O/ET	-8.000	.000	4.520	SREF 2690.0000	SO. FT.
(A10016)	AEDC/VA528(1A87)-01ET151-R/H	SRB SEPAR. FROM O/ET	5.000	.000	4.520	LREF 1290.3000	INCHES
(A10017)	AEDC/VA528(1A87)-01ET151-R/H	SRB SEPAR. FROM O/ET	-5.000	.000	4.520	BREF 1290.3000	INCHES
						XMRP 1258.5000	IN. XS
						YMRP .0000	IN. YS
						ZMRP 400.0000	IN. ZS
						SCALE .0100	

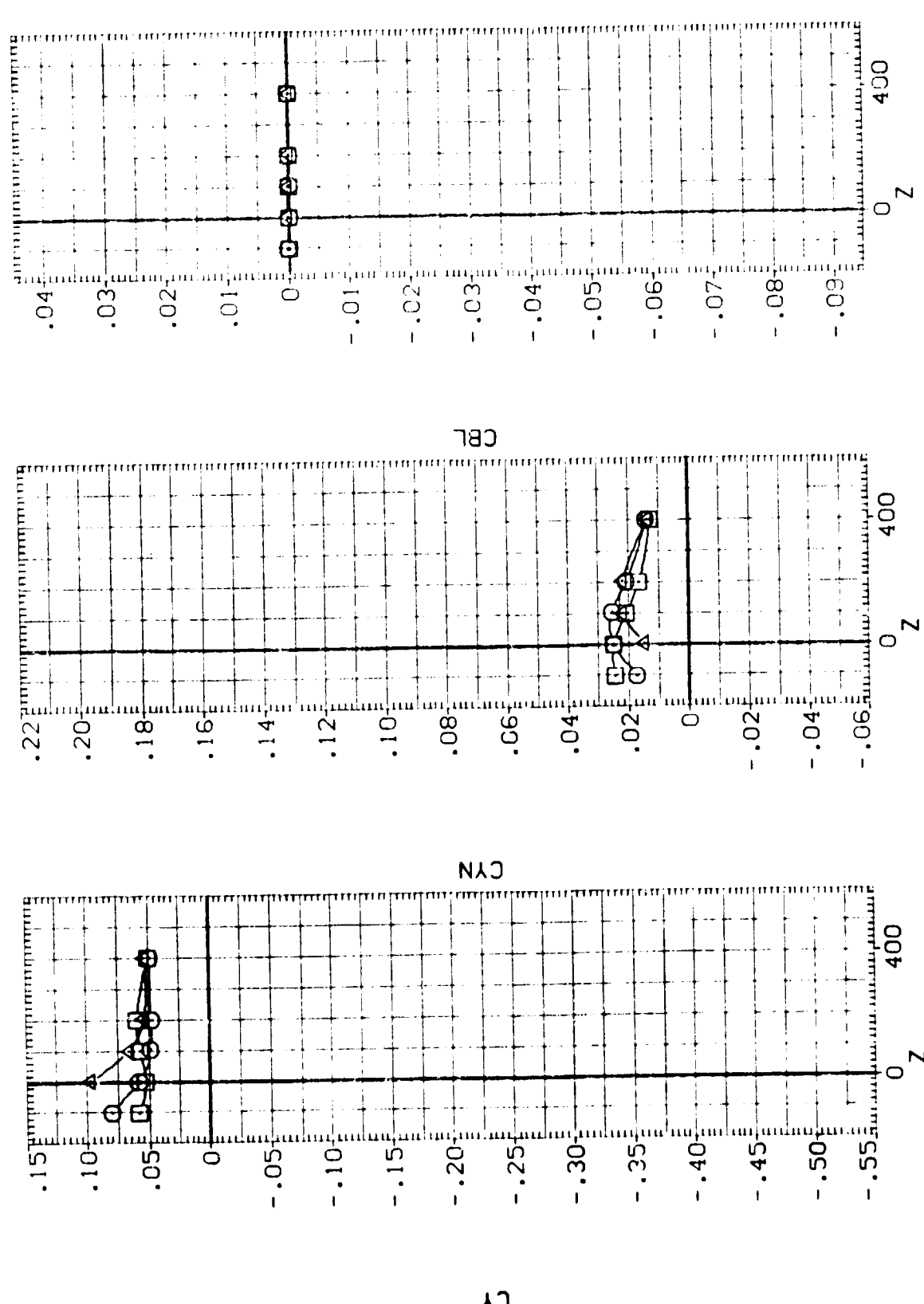


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)  
(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU013)	AEDC/VA528(1A87)-01ET1S1-R/H	.000	-8.000	.000	4.520	SREF 2690.0000 SQ. FT.
(ATU016)	AEDC/VA528(1A87)-01ET1S1-R/H	.000	-8.000	.000	4.520	LREF 1290.3000 INCHES
(ATU017)	AEDC/VA528(1A87)-01ET1S1-R/H	-5.000	-8.000	.000	4.520	BREF 1290.3000 INCHES
						XRRP 1258.5000 IN. XS
						YRRP .0000 IN. YS
						ZRRP 400.0000 IN. ZS
						SCALE .0100

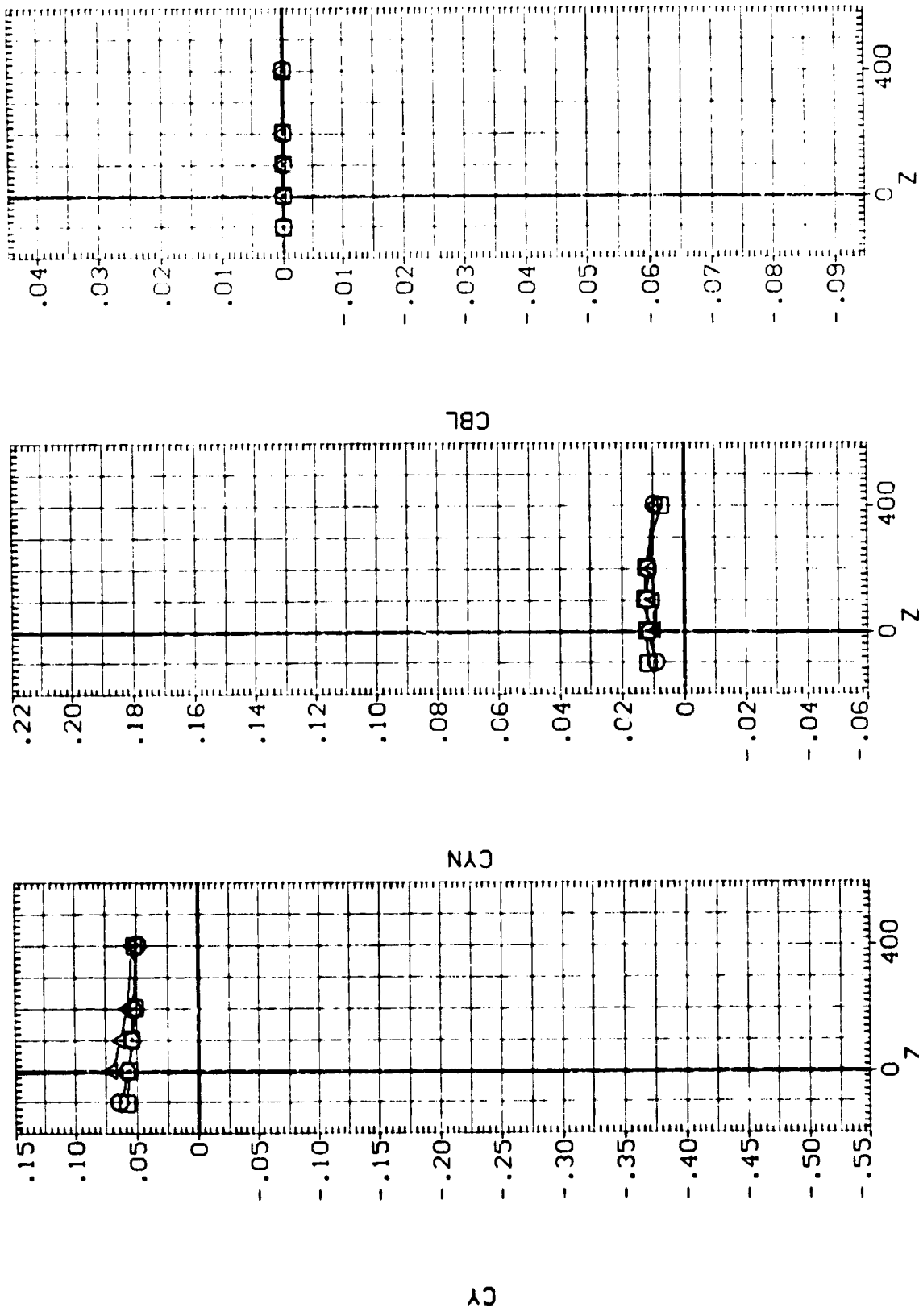


FIG.4 RIGHT SRB AERO CHARACTERISTICS FROM 0/ET (ALPHA=-.4 BETA=0)

(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU014)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	.000	-8.000	300.000	4.520	SREF 2690.0000 SQ. FT.
(ATU015)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	5.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU018)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	-5.000	-8.000	300.000	4.520	SREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

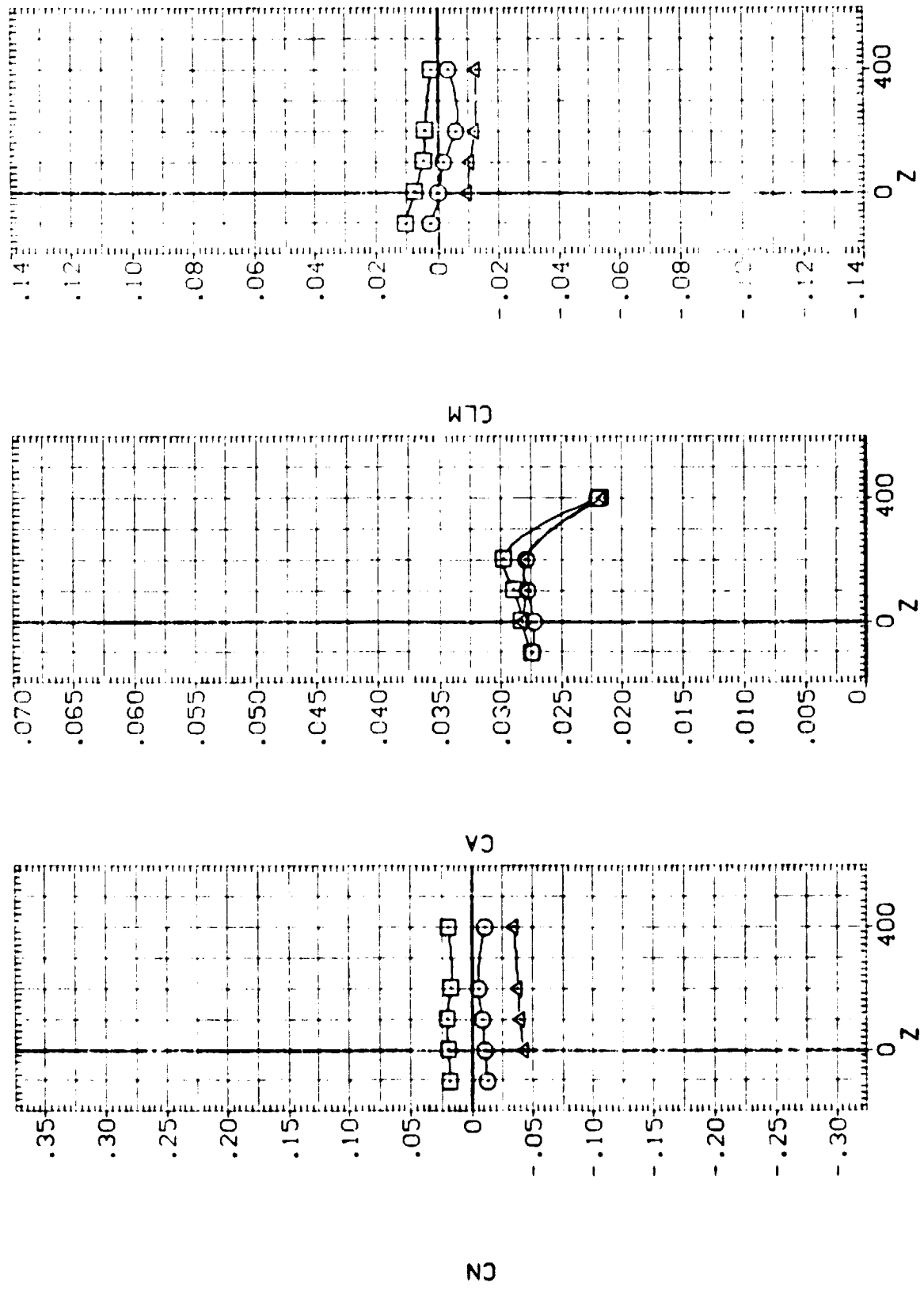


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=-.4 BETA=0)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU014)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	.000	-8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU015)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	5.000	-8.000	300.000	4.520	LREF 1240.3000 INCHES
(ATU018)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	-5.000	-8.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP 400.0000 IN. YS
							SCALE .0100

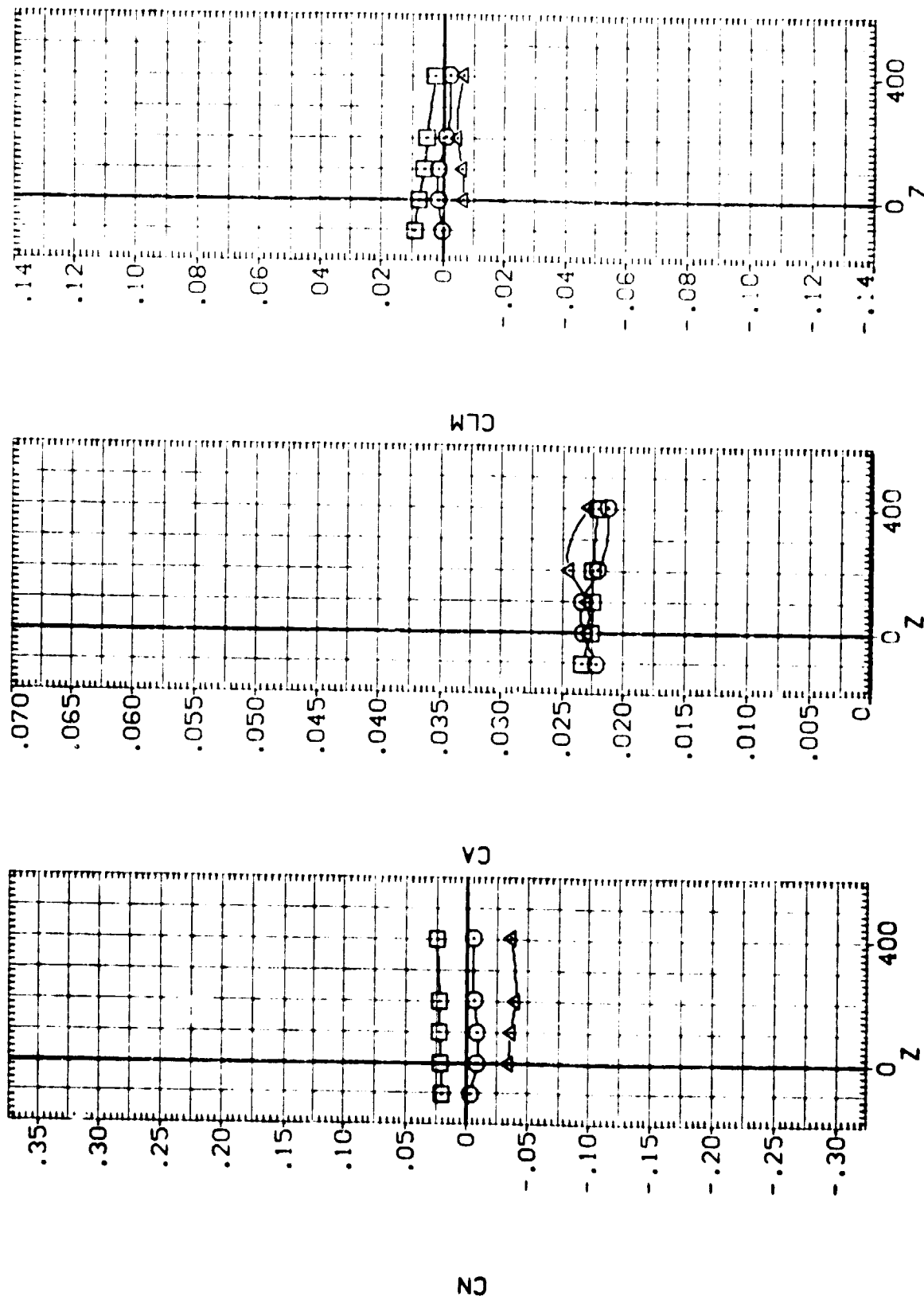


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=-.4 BETA=0)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFO.	UNIT
(ATU014)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	.000	-8.000	300.000	4.520	SREF	269C 0000
(ATU015)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	5.000	-8.000	300.000	4.520	LREF	1290 3000
(ATU016)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	-5.000	-8.000	300.000	4.520	BREF	1290 3000
							XMRP	258 5000
							YMRP	0000
							ZMRP	400.0000
							SCALE	.0100
								IN. FT.
								INCHES
								IN. XS
								IN. YS
								IN. ZS

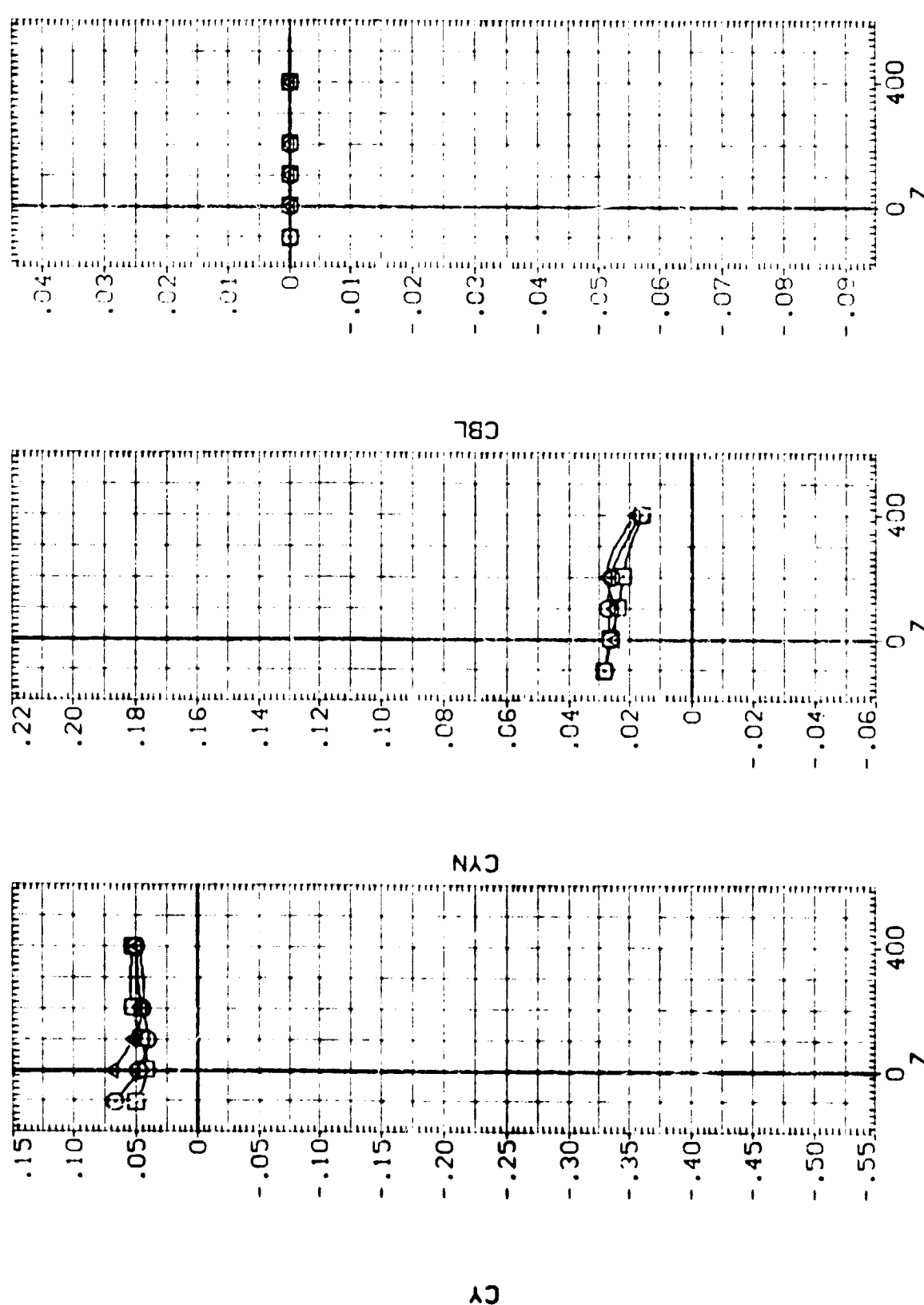


FIG.4 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=-.4 BETA=0)  
(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU01)	AEDC/VAS28(1A87)-01ETIS1-R/H	.000	-8.000	300.000	4.520	SREF 2630.0000 SQ.FT.
(ATU015)	AEDC/VAS28(1A87)-01ETIS1-R/H	5.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU018)	AEDC/VAS28(1A87)-01ETIS1-R/H	-5.000	-8.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1258.5000 IN. XS
						ZMRP .0000 IN. YS
						SCALE 400.0000 IN. ZS
						.0100

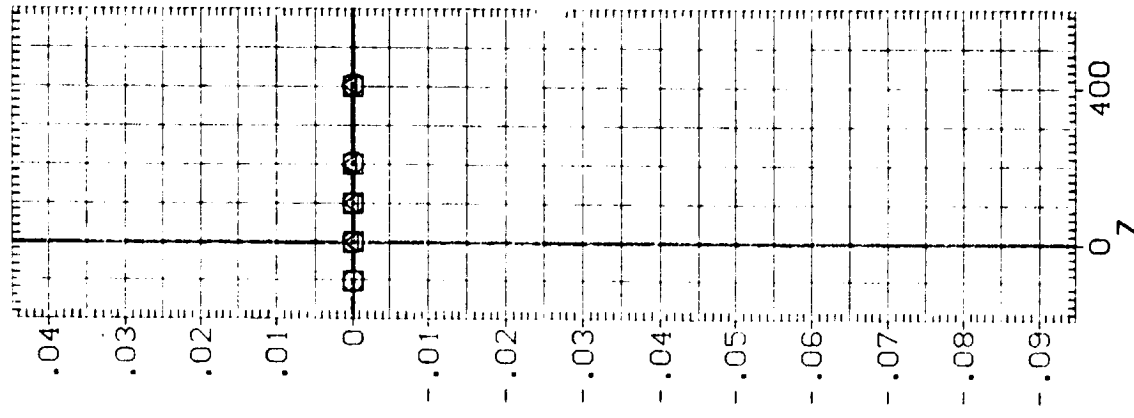
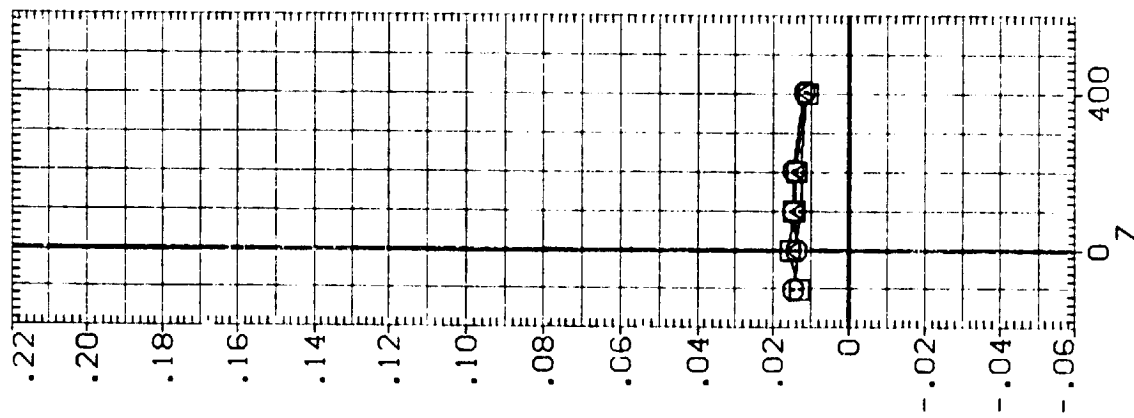
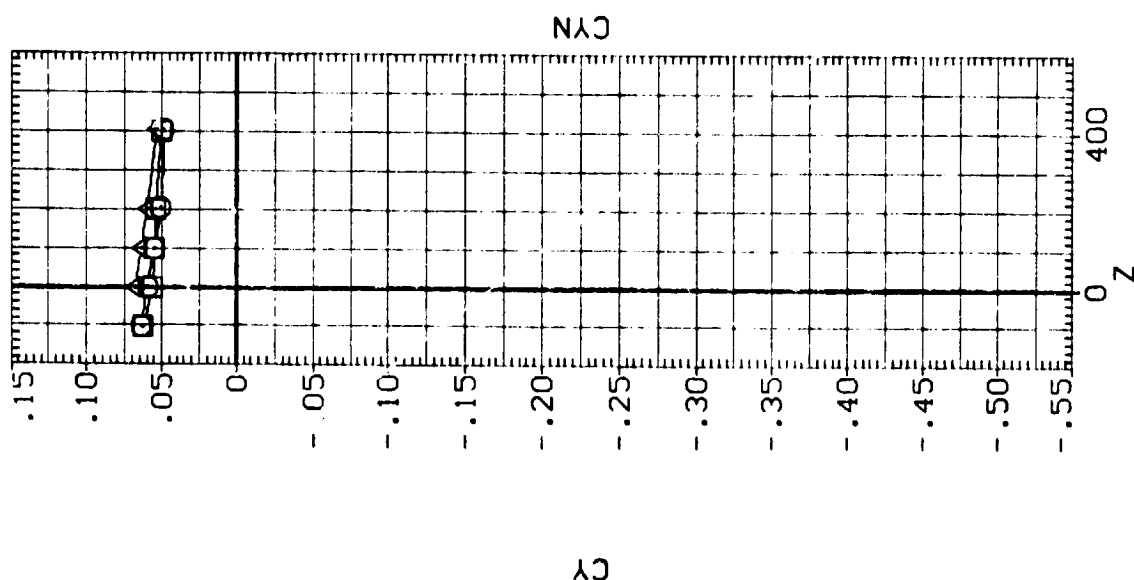


FIG.4 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)  
(D)Y =400.00

DATA SET SYMBOL: (ATU037) (ATU040) (ATU041)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM 0/ET DATA NOT AVAILABLE

REFERENCE INFORMATION: SREF 2690.0000 SQ.FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XMRP 1258.5000 IN. XS YMRP .0000 IN. YS ZMRP 400.0000 IN. ZS SCALE .0100

MACH: 4.520 4.520 4.520

ALPHA: .000 .000 .000

BETA: .000 .000 .000

X: .000 .000 .000

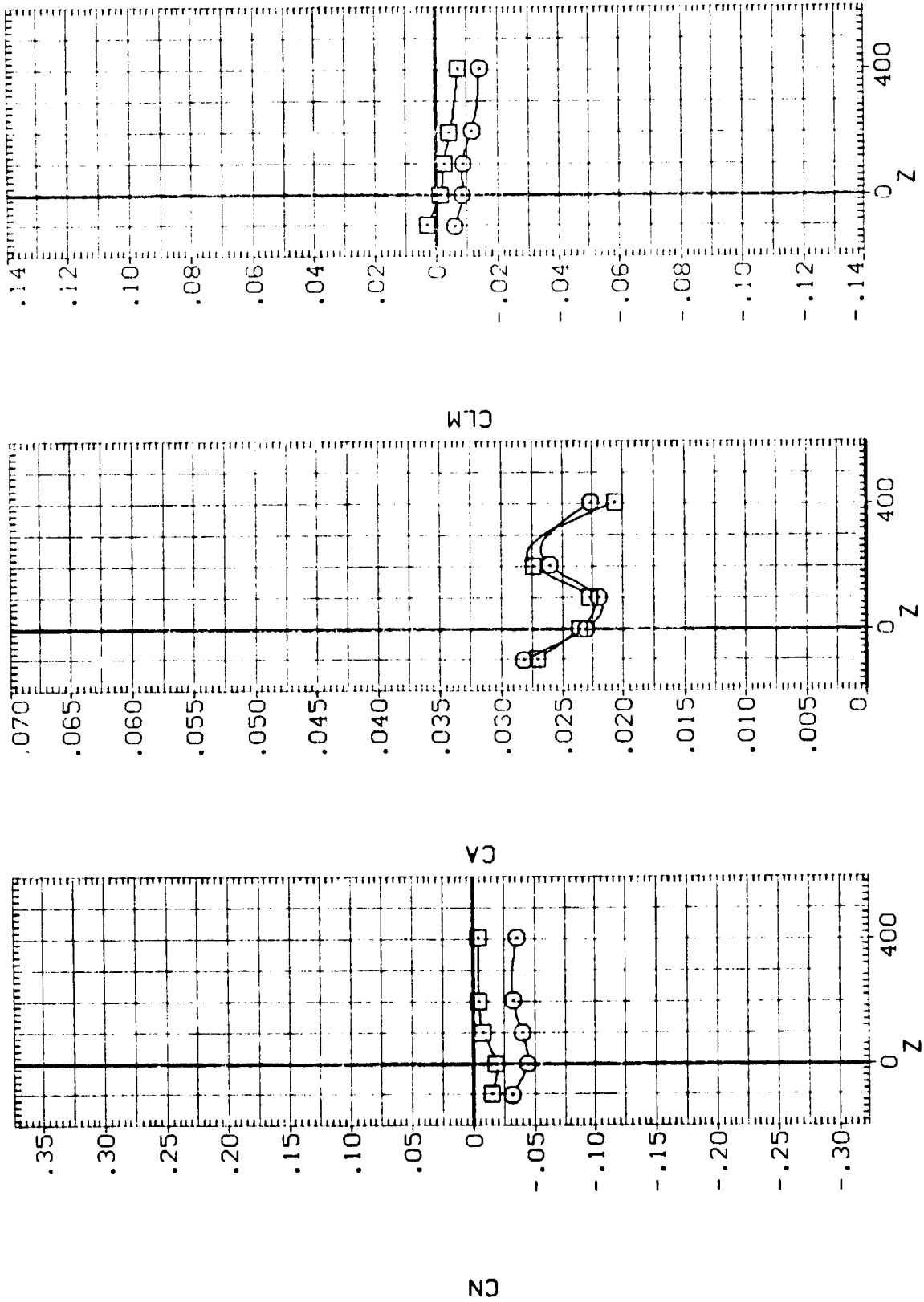


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=-5.7 BETA=0)

(A)Y = 10.00



DATA SET SYMBOL		CONFIGURATION DESCRIPTION		REFERENCE INFORMATION	
(ATU037)	□	AEDC/VAS28(IAB7)-01ETISI-R/H	SRB SEPAR. FROM O/ET	SREF	2690.0000 SQ.FT.
(ATU040)	○	AEDC/VAS28(IAB7)-01ETISI-R/H	SRB SEPAR. FROM O/ET	LREF	1293.3000 INCHES
(ATU041)	△	AEDC/VAS28(IAB7)-01ETISI-R/H	SRB SEPAR. FROM O/ET	BREF	1293.3000 INCHES
				XMRP	1258.5000 IN. XS
				YMRP	1000.0000 IN. YS
				ZMRP	400.0000 IN. ZS
				SCALE	.0100

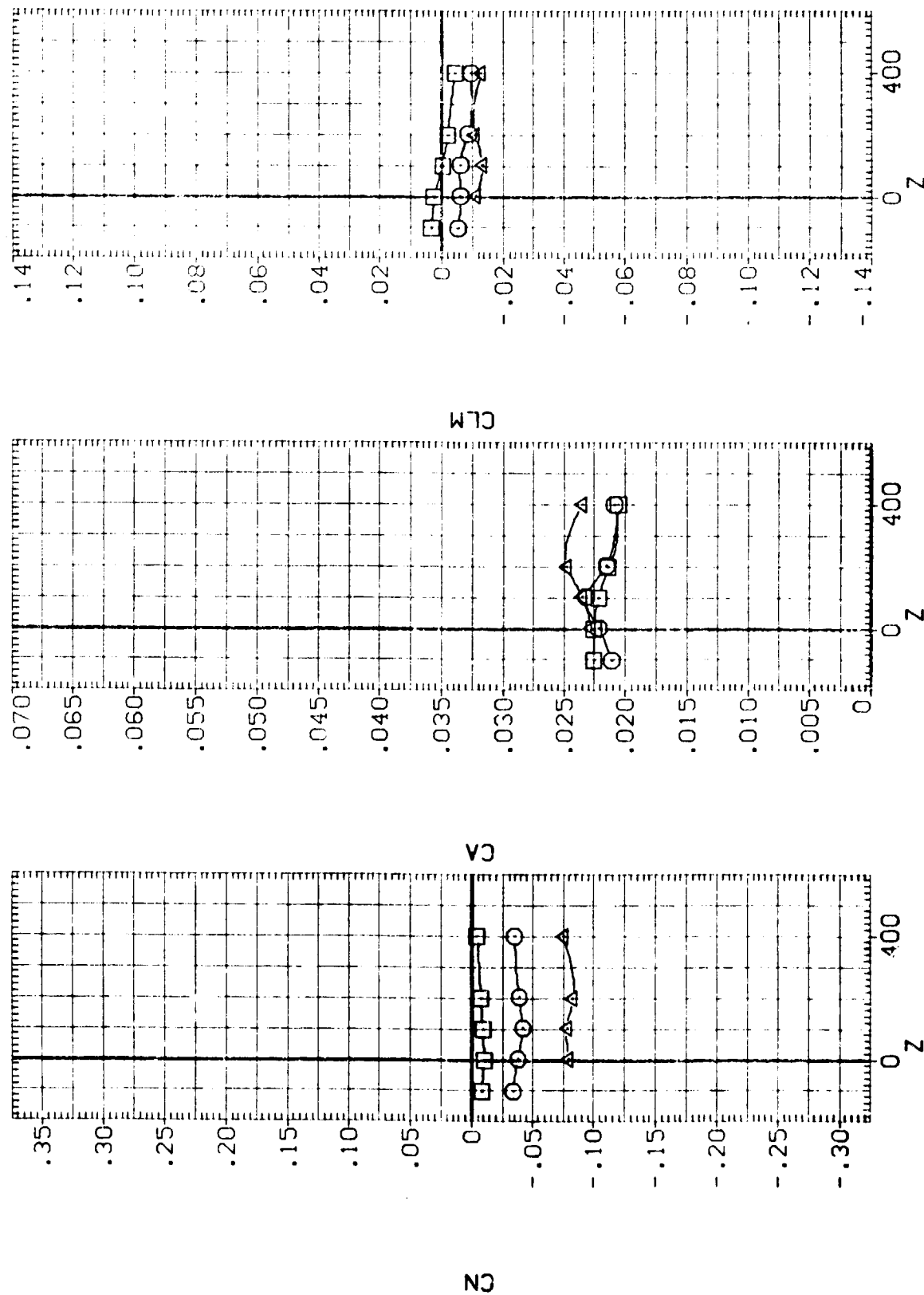


FIG.5 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET ( $\alpha = -5.7$   $\beta = 0$ )

(C) Y = 200.00





DATA SET SYMBOL: (ATU037) (ATU040) (ATU041)  
 CONFIGURATION DESCRIPTION: AEDC/VA528(IAB7)-Q1ET1S1-R/H SRB SEPAR. FROM 0/ET  
 AEDC/VA528(IAB7)-Q1ET1S1-R/H SRB SEPAR. FROM 0/ET  
 DATA NOT AVAILABLE

REFERENCE INFORMATION:  
 SREF: 2690.0000 SQ.FT.  
 LREF: 1290.3000 INCHES  
 BREF: 130.3000 INCHES  
 XMRP: 1258.5000 IN. XS  
 YMRP: .0000 IN. YS  
 ZMRP: 400.0000 IN. ZS  
 SCALE: .0100

MAC: 4.520  
 X: .000  
 DBETA: .000  
 DALPHA: .000  
 SRB SEPAR. FROM 0/ET: .000  
 SRB SEPAR. FROM 0/ET: .000  
 SRB SEPAR. FROM 0/ET: -5.000

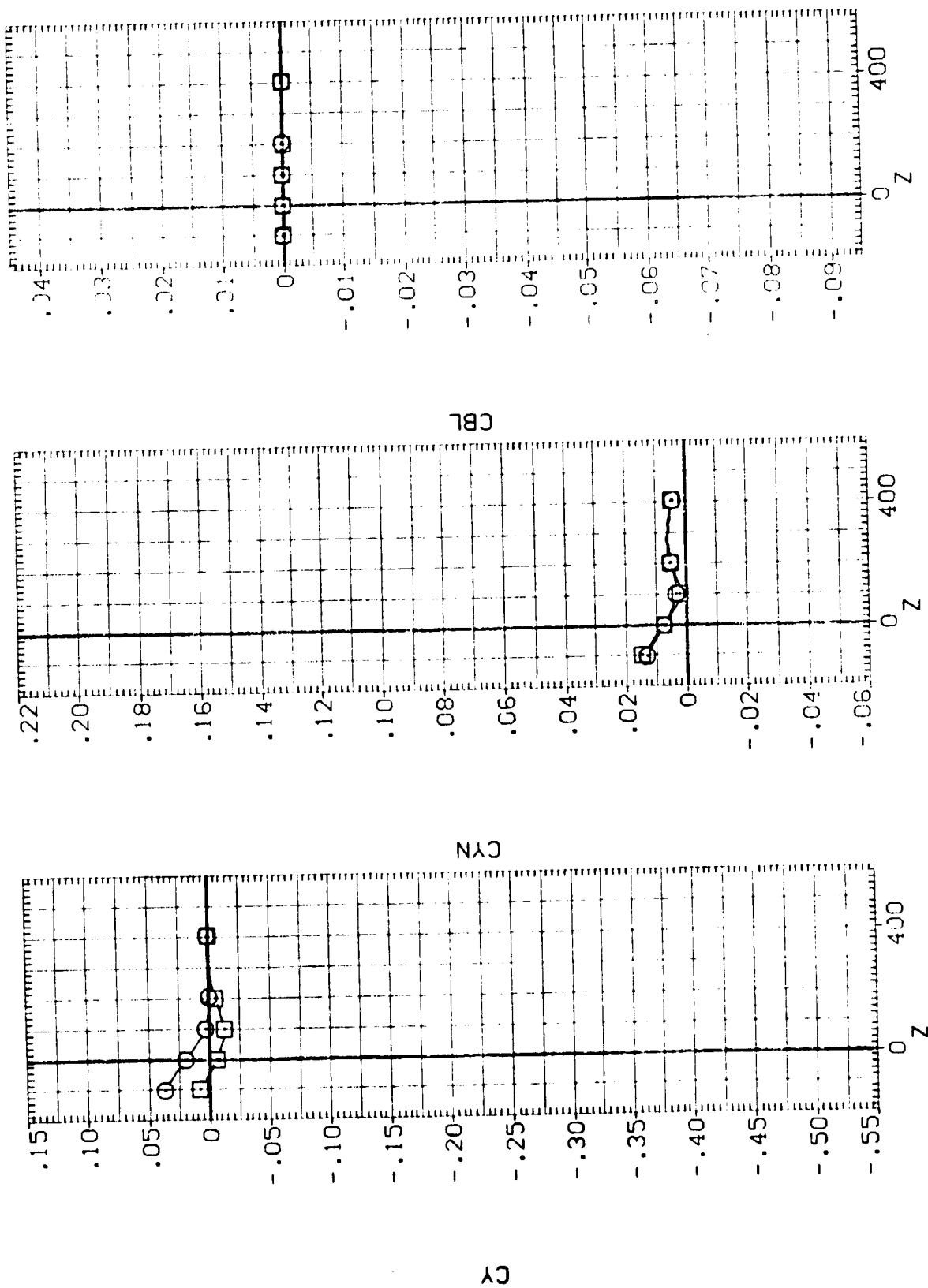


FIG.5 RIGHT SRB AERO CHARACTER SEPARATING FROM 0/ET (ALPHA=-5.7 BETA=0)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU037)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM 0/ET	.000	.000	.000	4.520	SREF 690.0000 SQ.FT.
(ATU040)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM 0/ET	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU041)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM 0/ET	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
								XMRP 1258.5000 IN. XS
								YMRP .0000 IN. YS
								ZMRP 400.0000 IN. ZS
								SCALE .0100

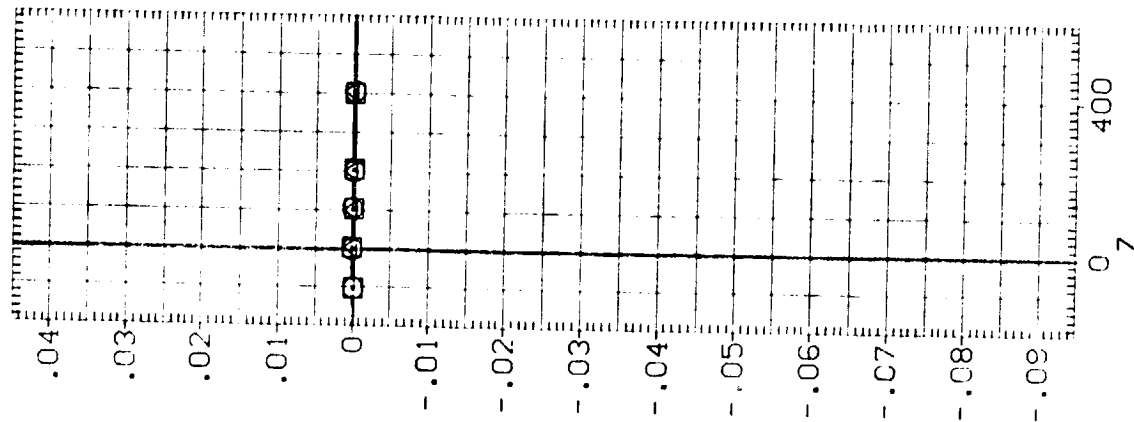
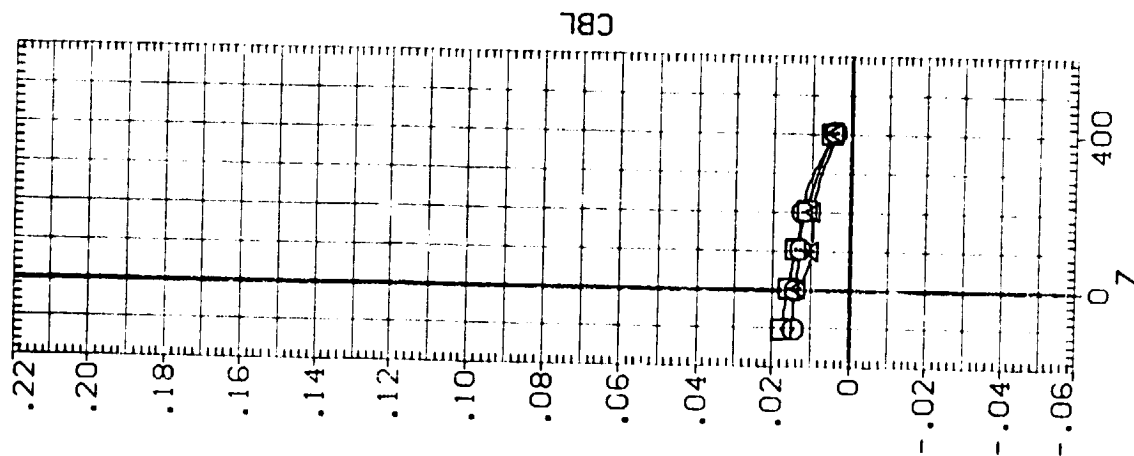
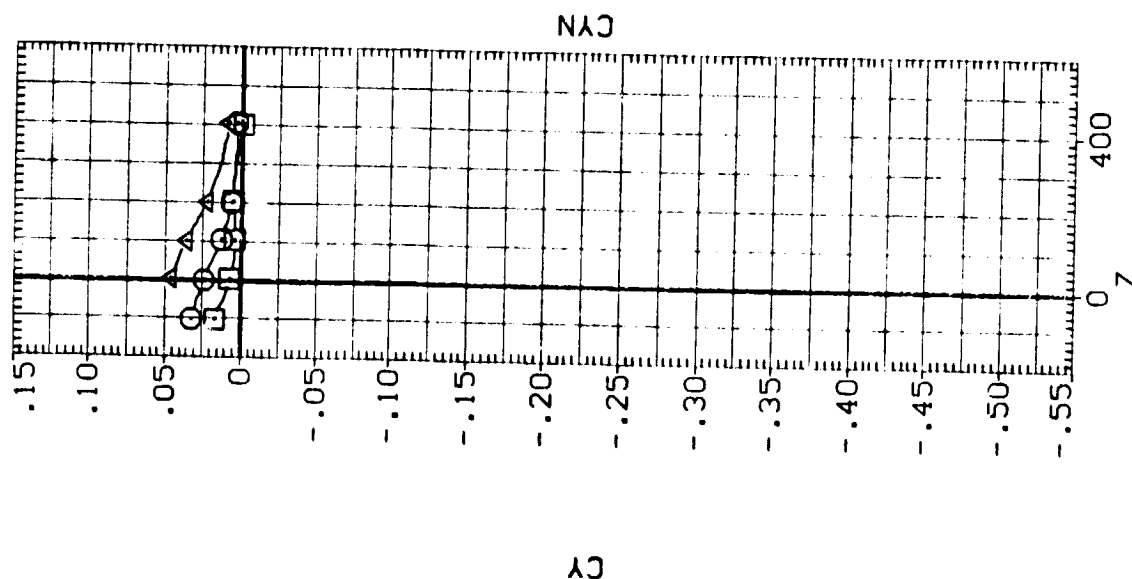


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=-5.7 BETA=0)  
(B)Y =100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 [A1037] O AEC/VAS28(1A87)-O1ET-S1-R/H  
 [A1038] X AEC/VAS28(1A87)-O1ET-S1-R/H  
 [A1039] X AEC/VAS28(1A87)-O1ET-S1-R/H

SRB SEPAR FROM O/EI  
 SRB SEPAR FROM O/EI  
 SRB SEPAR FROM O/EI

DALPHA DBETA X  
 .000 .000 .000  
 5.000 .000 .000  
 -5.000 .000 .000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2650.0000 SQ.FT.  
 LREF 1250.3000 INCHES  
 BREF 1250.3000 INCHES  
 XMRP 1250.3000 INCHES  
 YMRP 0.000 INCHES  
 ZMRP 400.0000 INCHES  
 SCALE .0100

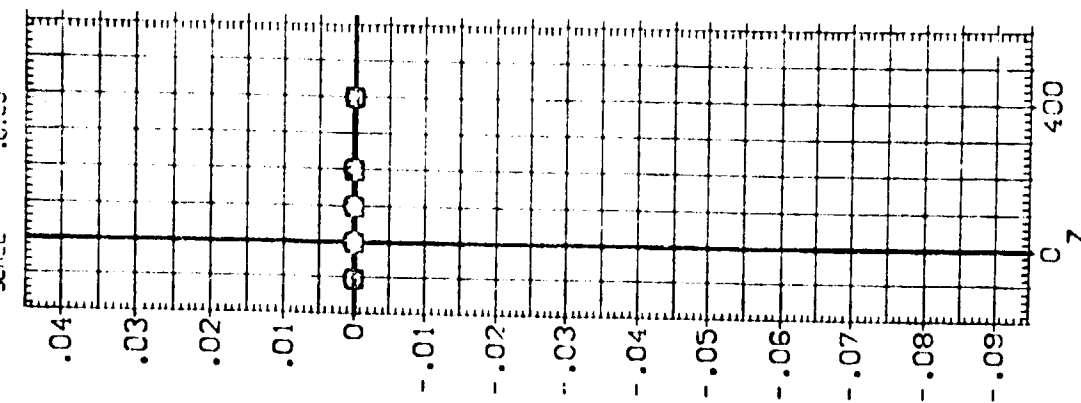
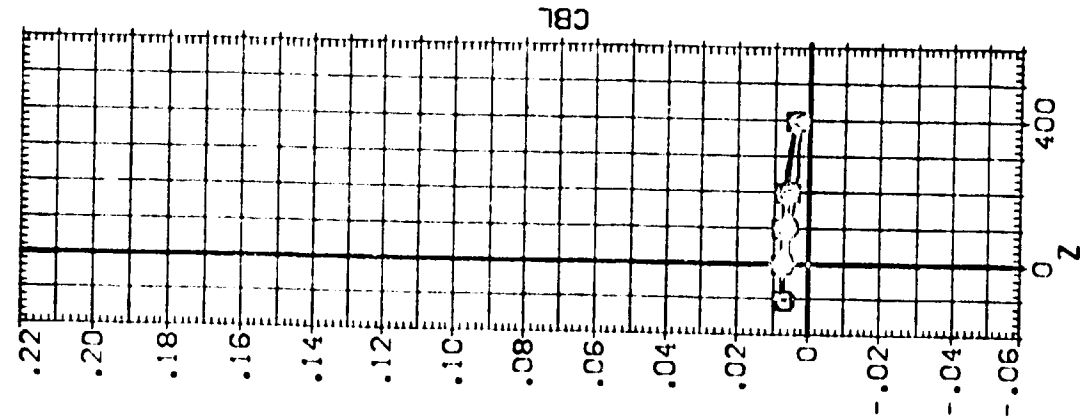
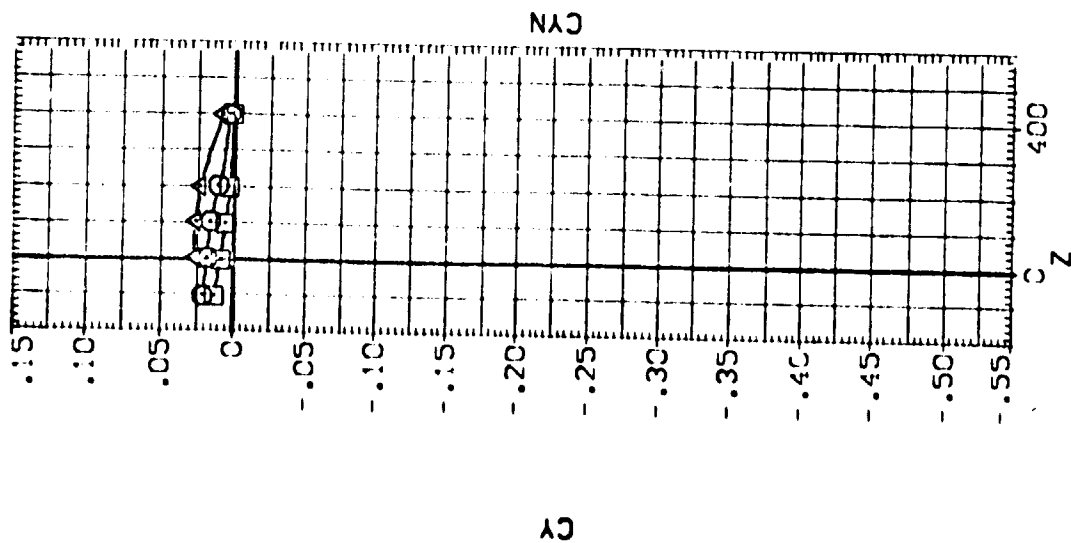


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/EI (ALPHA=-5.7 BETA=0)

(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU037)	AEDC/VA528(1A87)-01ETISI-R/H	.000	.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU040)	AEDC/VA528(1A87)-01ETISI-R/H	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU041)	AEDC/VA528(1A87)-01ETISI-R/H	5.000	.000	.000	4.520	BREF 1290.3000 INCHES
		-5.000	.000			XMRP 1258.5000 IN. YS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

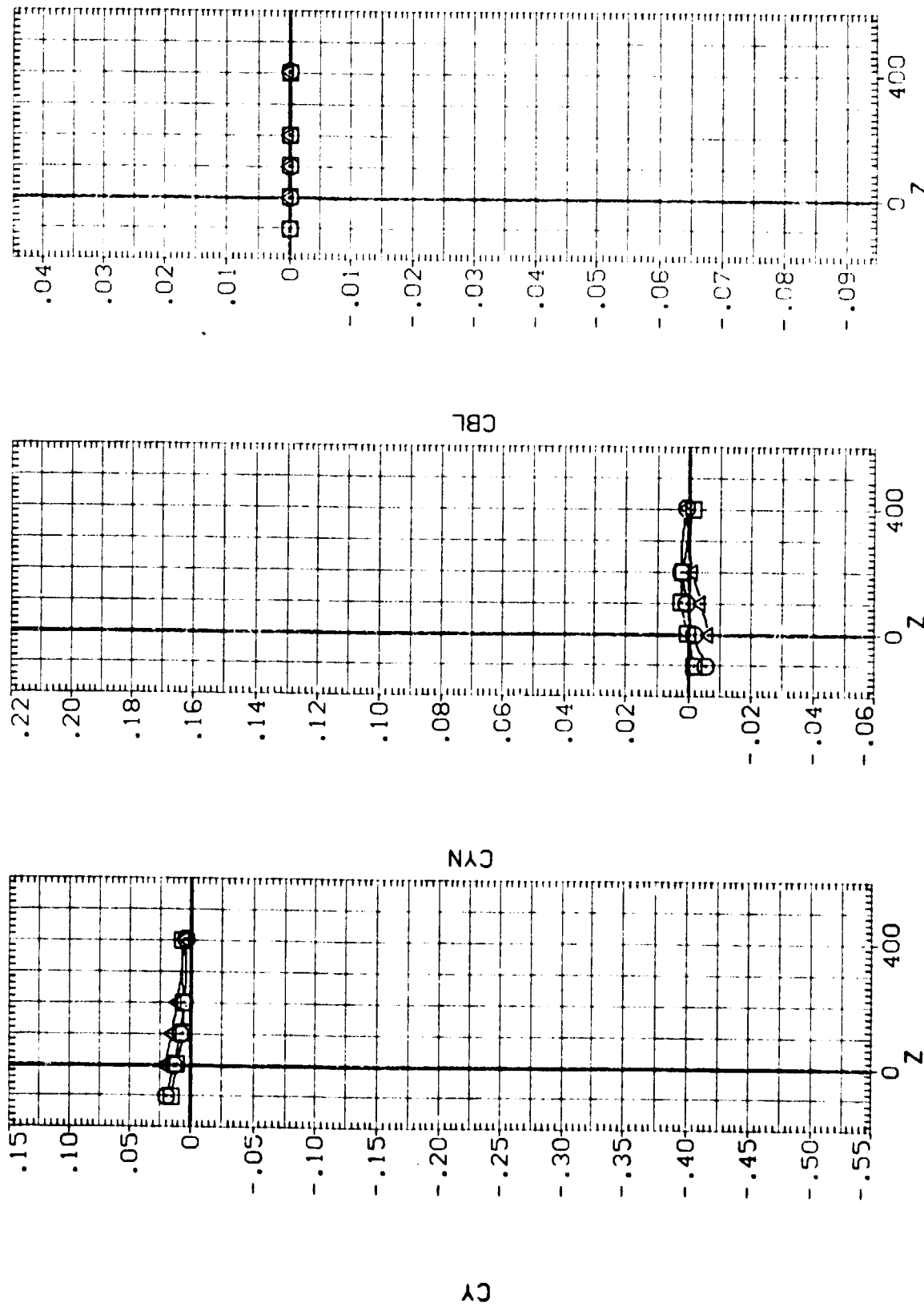


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(D)Y =400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU038)	AEDC/VA528(1A87)-01ETIS1-R/H	.000	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU039)	AEDC/VA528(1A87)-01ETIS1-R/H	.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU042)	AEDC/VA528(1A87)-01ETIS1-R/H	.000	.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

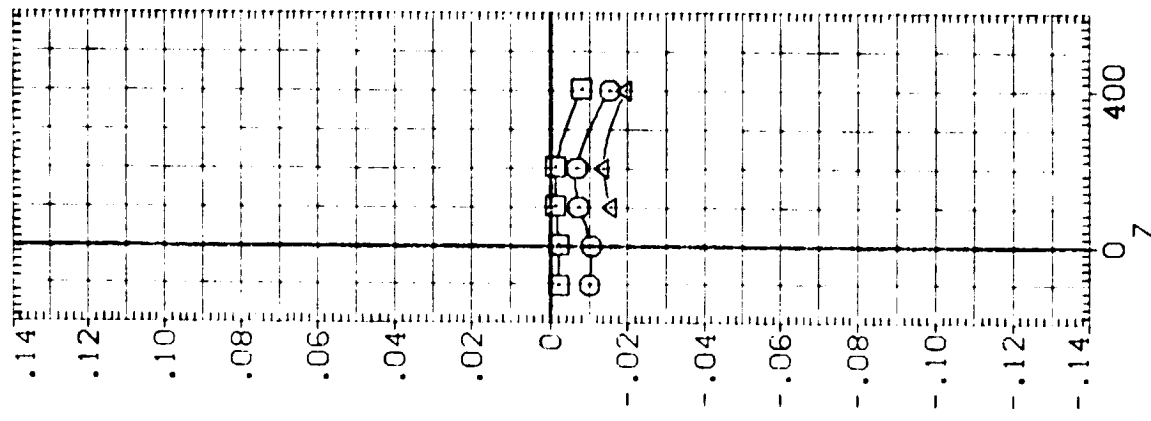
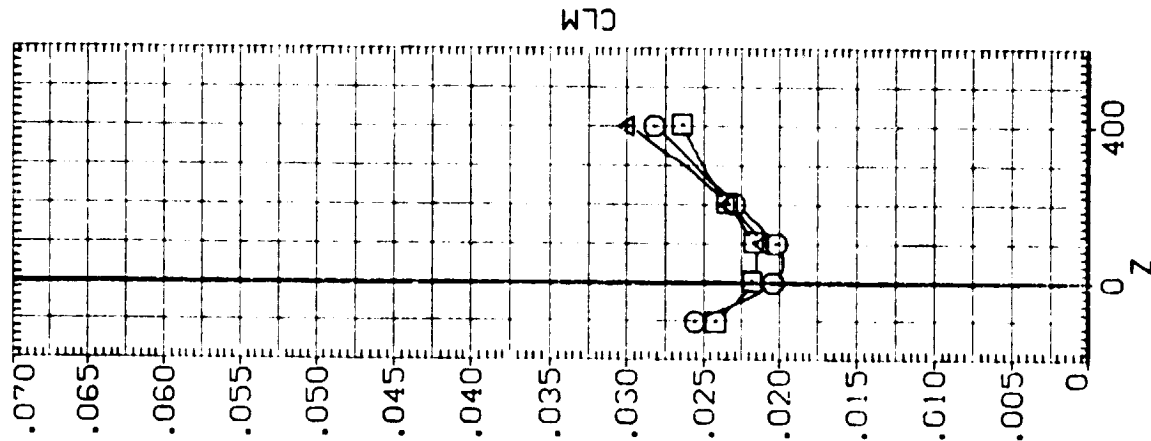
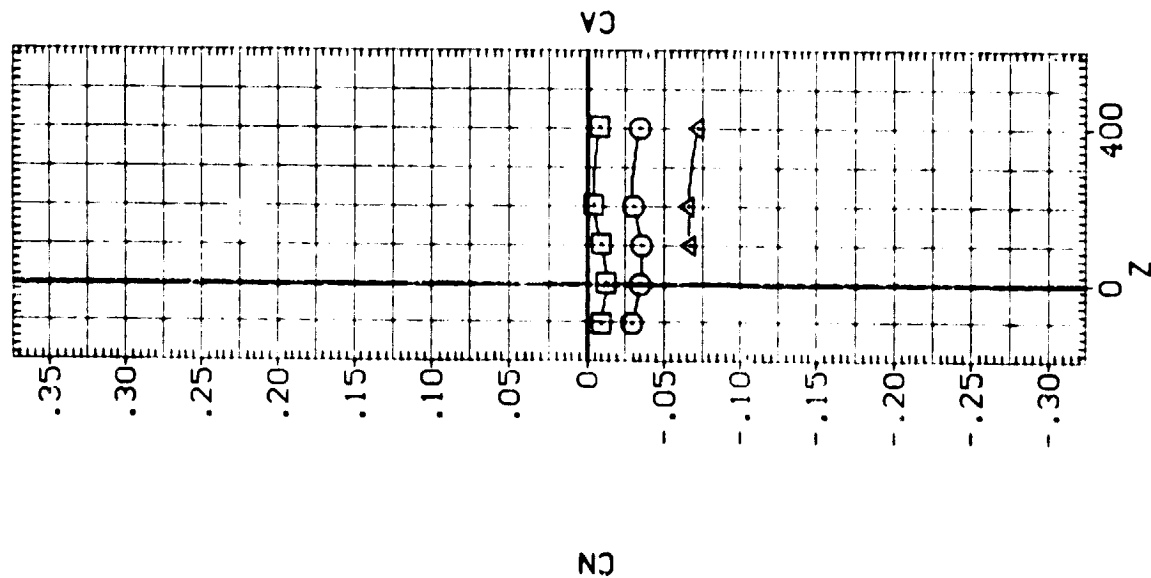


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU038)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	SREF 2630.0000 SO.FT.
(ATU039)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	BREF 1250.3000 INCHES
(ATU042)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	.000	300.000	4.520	NREF 1250.5000 IN. XS
							NREF .0000 IN. YS
							NREF 400.0000 IN. ZS
							SCALE .0100

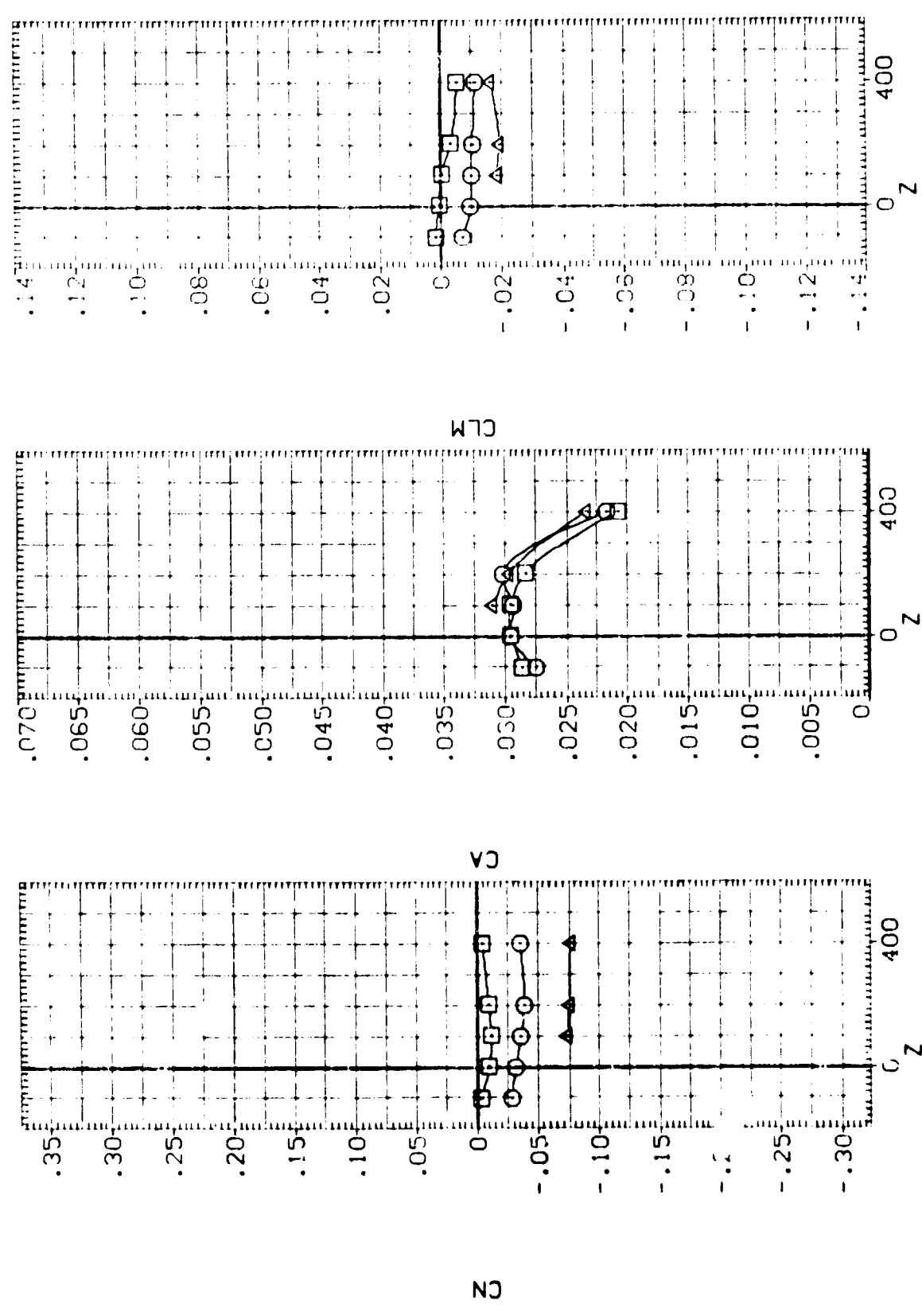



FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(C)Y =200.00



DATA SET SYMBOL:  (ATU038) (ATU039) (ATU042)

CONFIGURATION DESCRIPTION:  
 AEDC/VA528(1A87)-01ET1S1-R/H  
 AEDC/VA528(1A87)-01ET1S1-R/H  
 AEDC/VA528(1A87)-01ET1S1-R/H

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

DALPHA DBETA X MACH  
 .000 .000 300.000 4.520  
 .000 .000 300.000 4.520  
 -5.000 .000 300.000 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

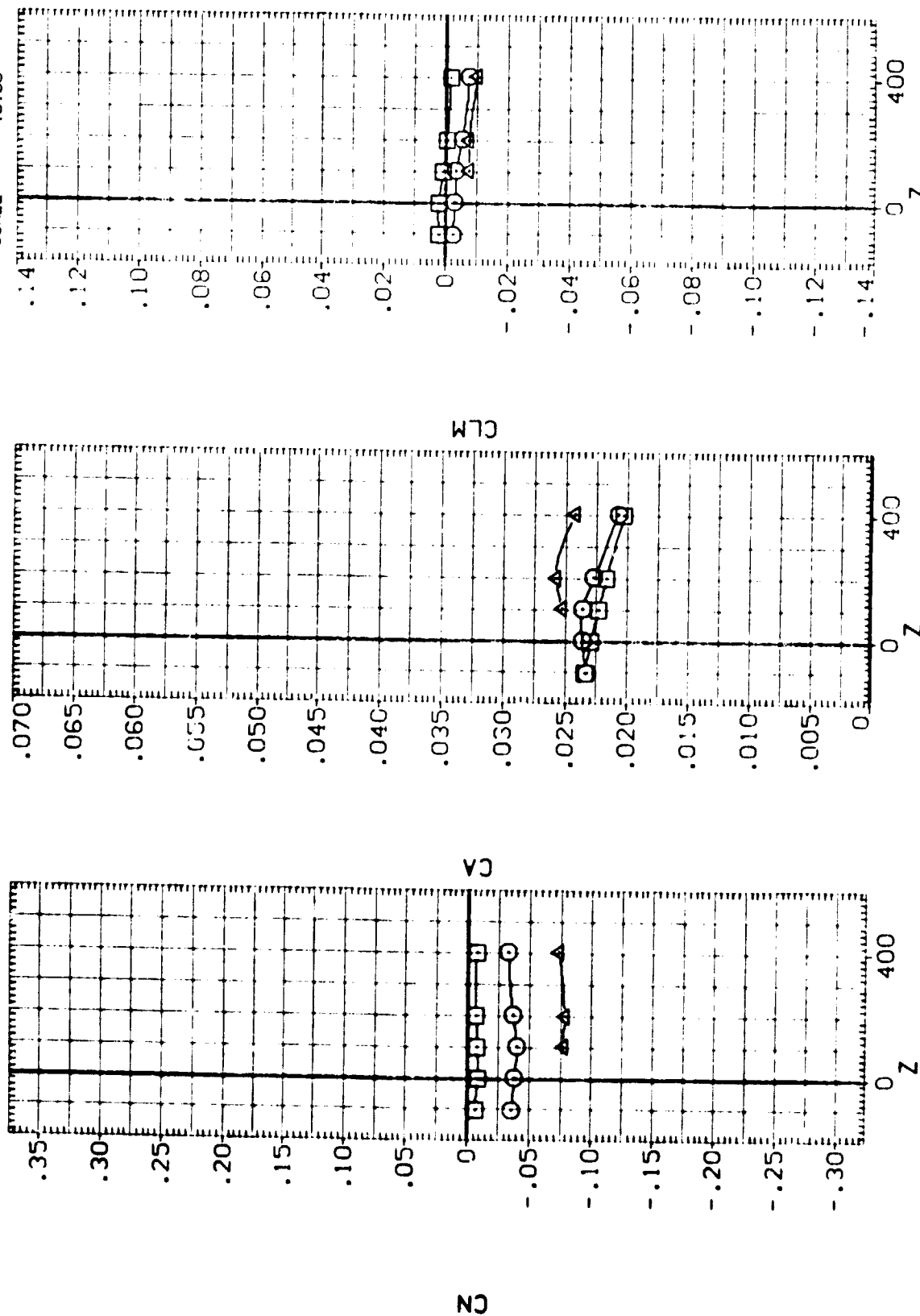


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(D)Y = 490.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	CALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU038)	AEDC/VAS28(1AB7)-CIET1SI-R/M	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	SRB REF 2690.0000 50. FT.
(ATU039)	AEDC/VAS28(1AB7)-CIET1SI-R/M	SRB SEPAR. FROM O/ET	5.000	.000	300.000	4.520	SRB REF 1250.3000 INCHES
(ATU042)	AEDC/VAS28(1AB7)-CIET1SI-R/M	SRB SEPAR. FROM O/ET	-5.000	.000	300.000	4.520	SRB REF 1292.3000 INCHES
							ANGD 1258.5000 IN. YS
							TRAP 400.0000 IN. YS
							SCALE .0100

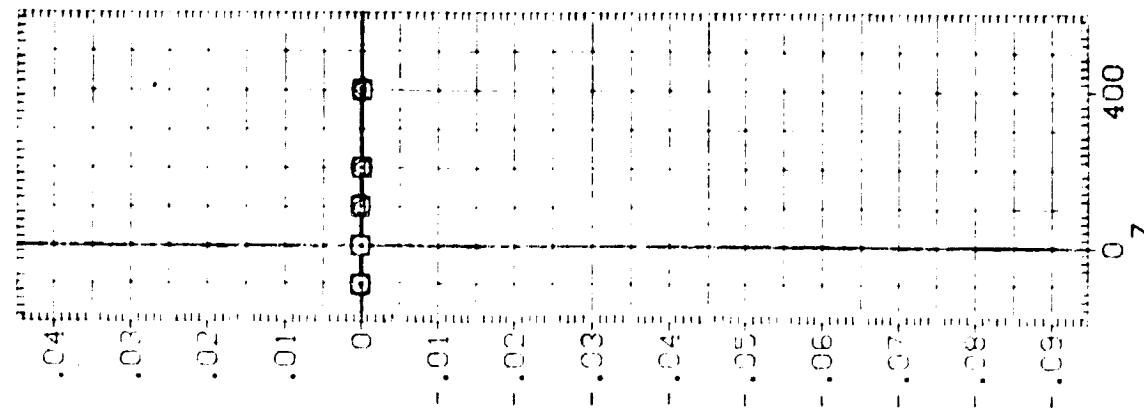
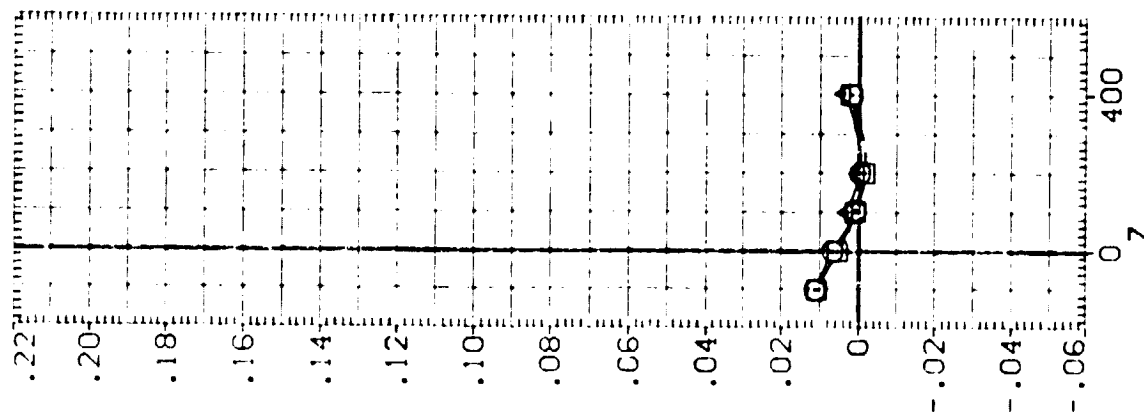
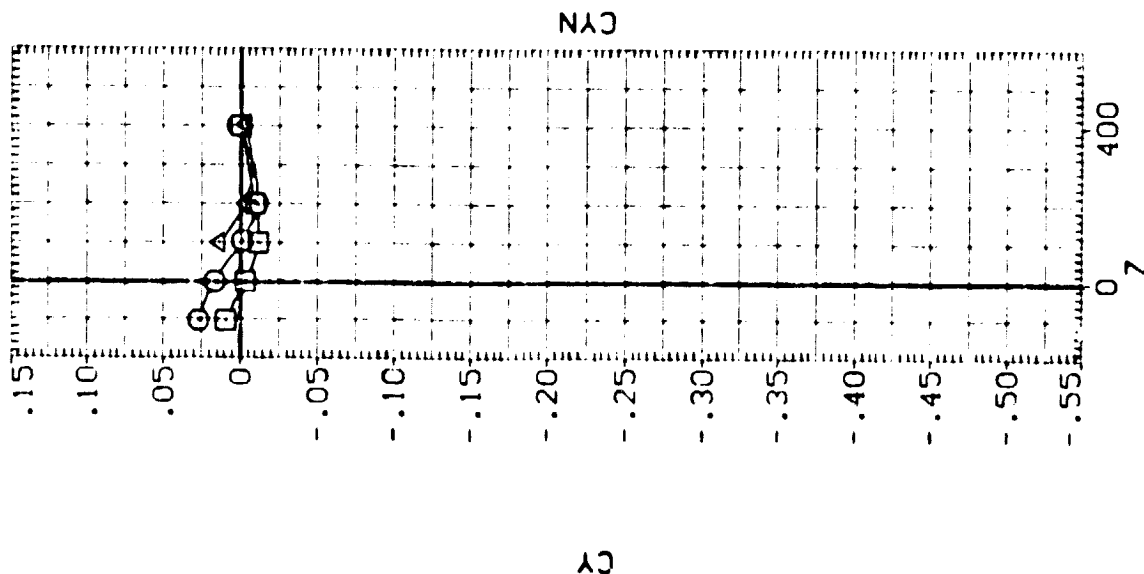


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU038) Q AEDC/VAS28(IAB7)-O1ET1SI-R/H SRB  
 (ATU039) Z AEDC/VAS28(IAB7)-O1ET1SI-R/H SRB  
 (ATU042) Z AEDC/VAS28(IAB7)-O1ET1SI-R/H SRB

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

DALPHA DBETA X

300.000  
 300.000  
 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

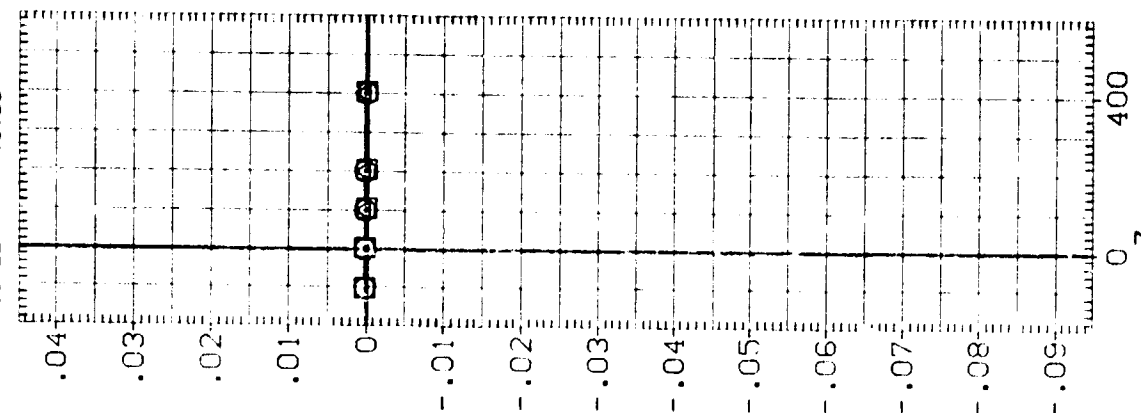
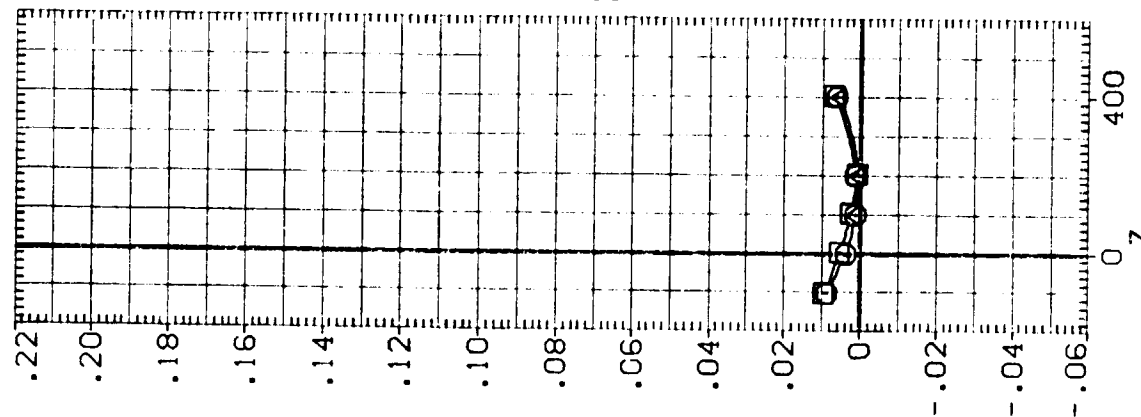
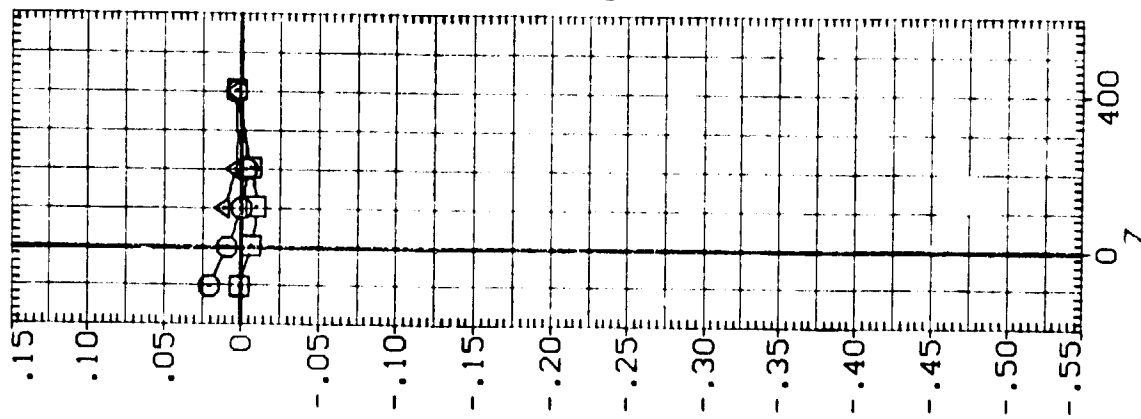
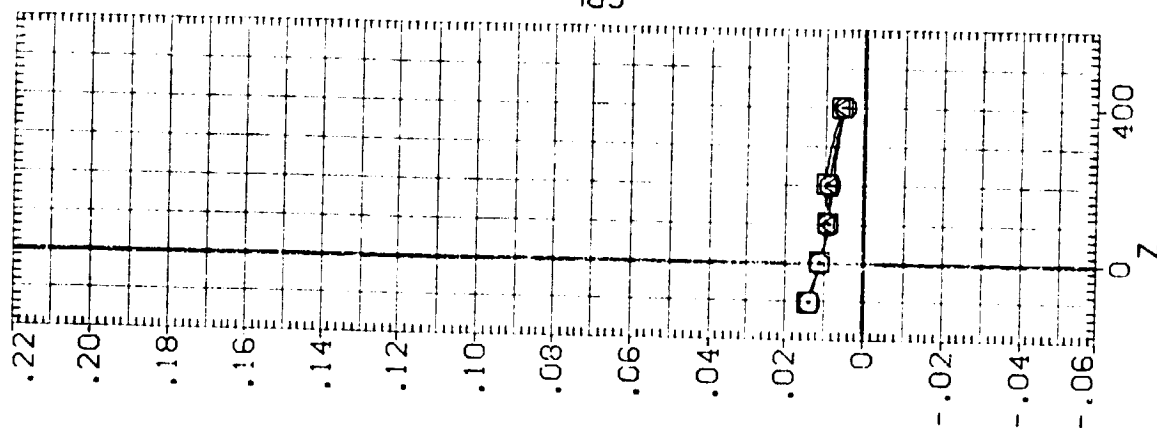


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)  
 (B)Y =100.00

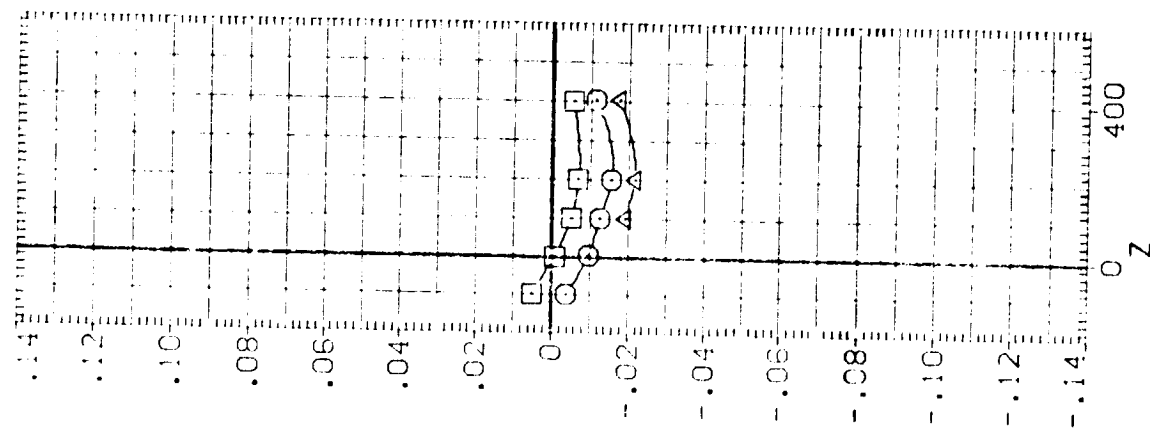
REFERENCE INFO	ION
SREF	2690.0000
LREF	1290.3000
BREF	1290.3000
VMRP	1258.5000
VMRP	.0000
ZMRP	400.0000
SCALE	.0100



(C)Y = 200.00



10N  
SQ. FT.  
INCHES  
INCHES  
IN. XS  
IN. YS  
IN. ZS



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ON	SRB	SEPAR. FROM	Q/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU053)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM	Q/ET	.000	-4.000	.000	4.520	SRF	2690.0000 SC.FT.
(ATU056)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM	Q/ET	.000	-4.000	.000	4.520	LRF	1290.3000 INCHES
(ATU057)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM	Q/ET	-5.000	-4.000	.000	4.520	BREF	1290.3000 INCHES
									XMRP	1258.5000 IN. XS
									XMRP	0.0000 IN. YS
									ZMRP	400.0000 IN. ZS
									SCALE	.0100

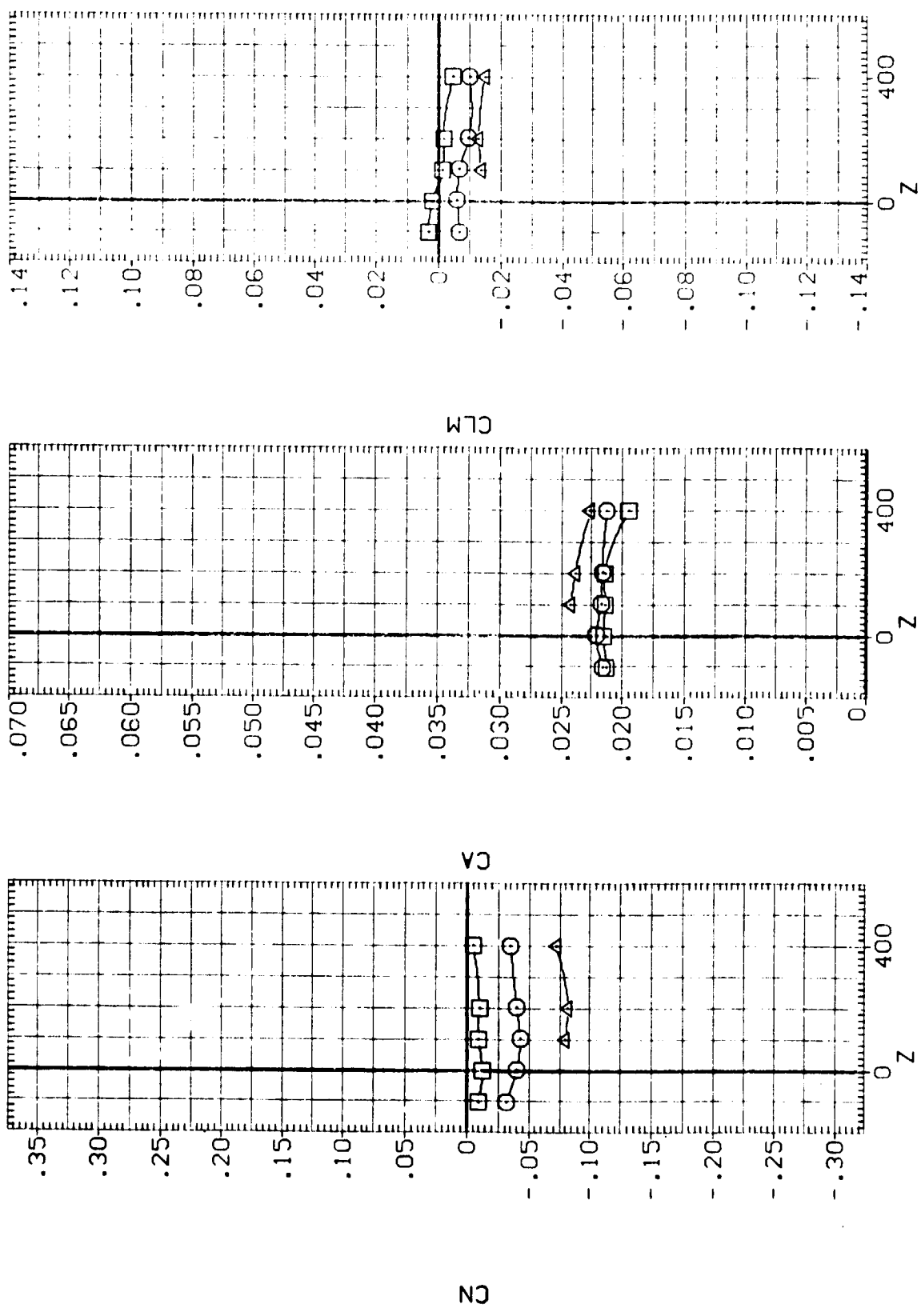


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM Q/ET (ALPHA=-5.7 BETA=0)

(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	MACH	REFERENCE INFORMATION
(ATU053)	AEDC/VAS281(A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET	.000	-4.000	4.520	SREF 2690.0000 3.F.T.
(ATU056)	AEDC/VAS281(A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET	5.000	-4.000	4.520	LREF 1290.3000 INCHES
(ATU057)	AEDC/VAS281(A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET	-5.000	-4.000	4.520	BREF 1290.3000 INCHES
					MRP 1258.5000 IN. XS
					YMRP 10000 IN. YS
					ZMRP 400.0000 IN. ZS
					SCALE .0100

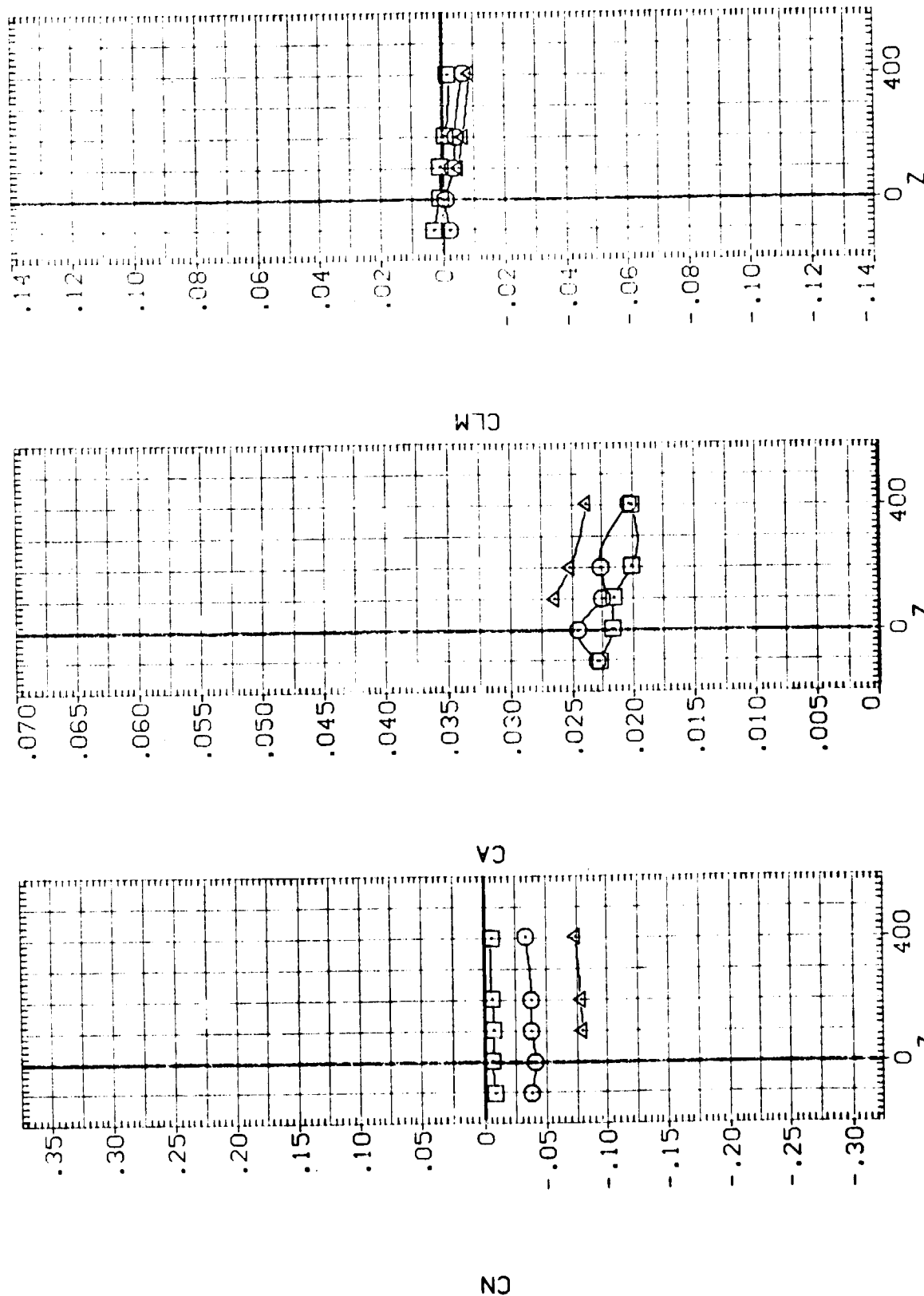


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(D)Y =400.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU053)	AEDC/VAS28(IAB7)-01ET1SI-R/H SRB	.000	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU056)	AEDC/VAS28(IAB7)-01ET1SI-R/H SRB	5.000	-4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU057)	AEDC/VAS28(IAB7)-01ET1SI-R/H SRB	-5.000	-4.000	.000	4.520	BREF 1290.3000 INCHES
						YMRP 1258.5000 IN. XS
						ZMRP .0000 IN. YS
						SCALE 400.0000 IN. ZS

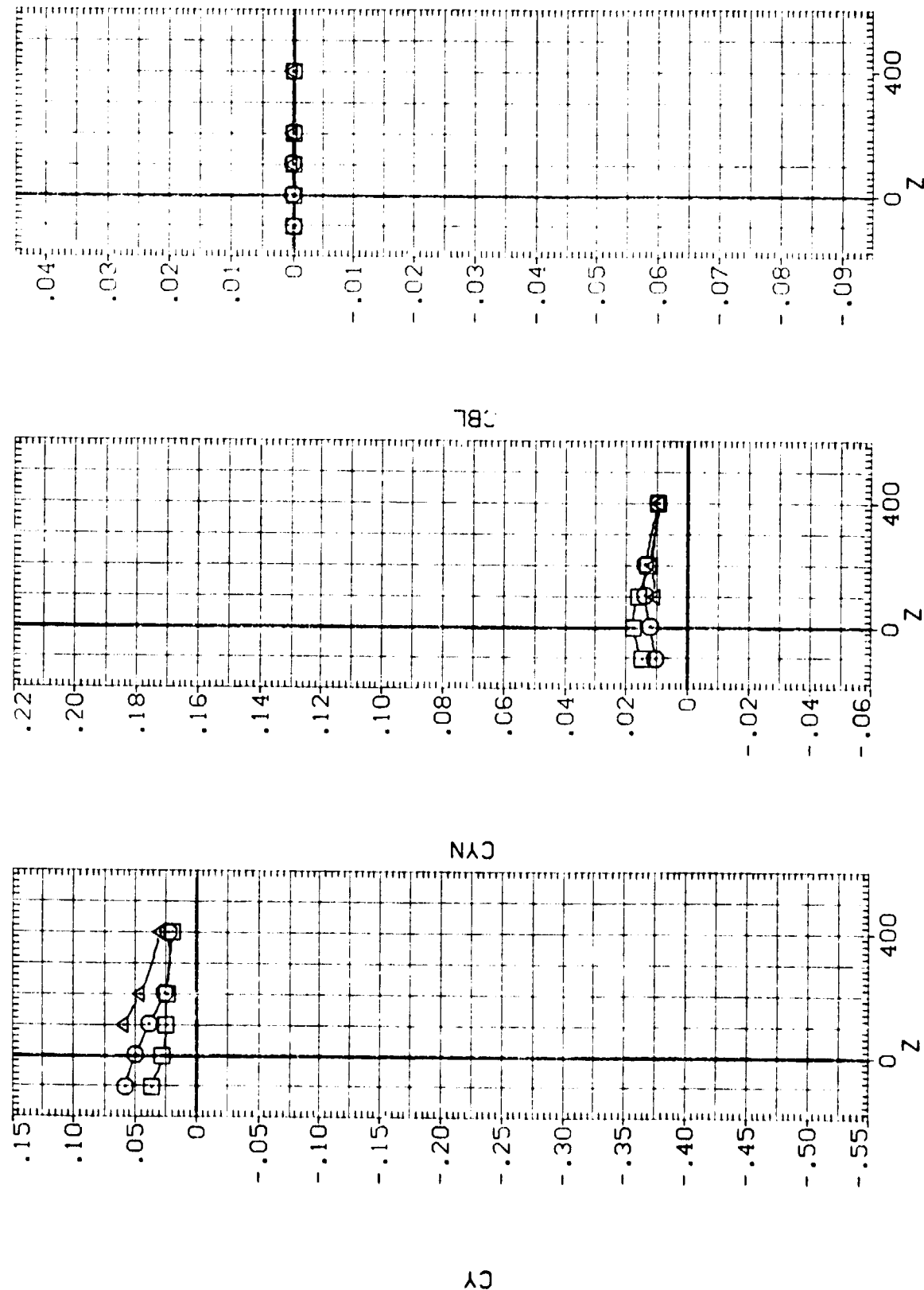


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(CY) =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
1	...
2	...
3	...
4	...
5	...
6	...
7	...
8	...
9	...
10	...
11	...
12	...
13	...
14	...
15	...
16	...
17	...
18	...
19	...
20	...
21	...
22	...
23	...
24	...
25	...
26	...
27	...
28	...
29	...
30	...
31	...
32	...
33	...
34	...
35	...
36	...
37	...
38	...
39	...
40	...
41	...
42	...
43	...
44	...
45	...
46	...
47	...
48	...
49	...
50	...
51	...
52	...
53	...
54	...
55	...
56	...
57	...
58	...
59	...
60	...
61	...
62	...
63	...
64	...
65	...
66	...
67	...
68	...
69	...
70	...
71	...
72	...
73	...
74	...
75	...
76	...
77	...
78	...
79	...
80	...
81	...
82	...
83	...
84	...
85	...
86	...
87	...
88	...
89	...
90	...
91	...
92	...
93	...
94	...
95	...
96	...
97	...
98	...
99	...
100	...

( ATU053 )  
( ATU056 )  
( ATU057 )

CONVOLUTION	DESCRIPTION
AEDC/VAS28(1A87)	-O1ETIS1-R/H SRB SEPAR.FROM O/ET
AEDC/VAS28(1A87)	-O1ETIS1-R/H SRB SEPAR.FROM O/ET
AEDC/VAS28(1A87)	-O1ETIS1-R/H SRB SEPAR.FROM O/ET

DALPHA  
5.000  
-5.000

DEBETA  
-4.000  
-4.000  
-4.000

$\begin{matrix} \square & \square & \square \\ \square & \square & \square \\ \square & \square & \square \\ . & . & . \end{matrix}$   
 $\times$

MACH:  
4.520  
4.520  
4.520

REFERENCE INFORMATION	
SREF	2690.0000 SQ.FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1258.5000 IN. XS
YMRP	4000.0000 IN. YS
ZMRP	4000.0000 IN. ZS
SCALE	.0100

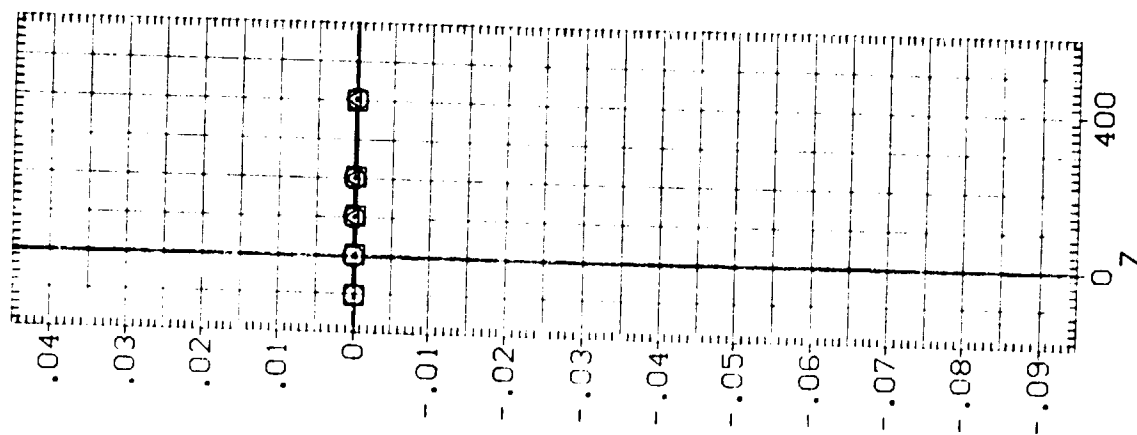
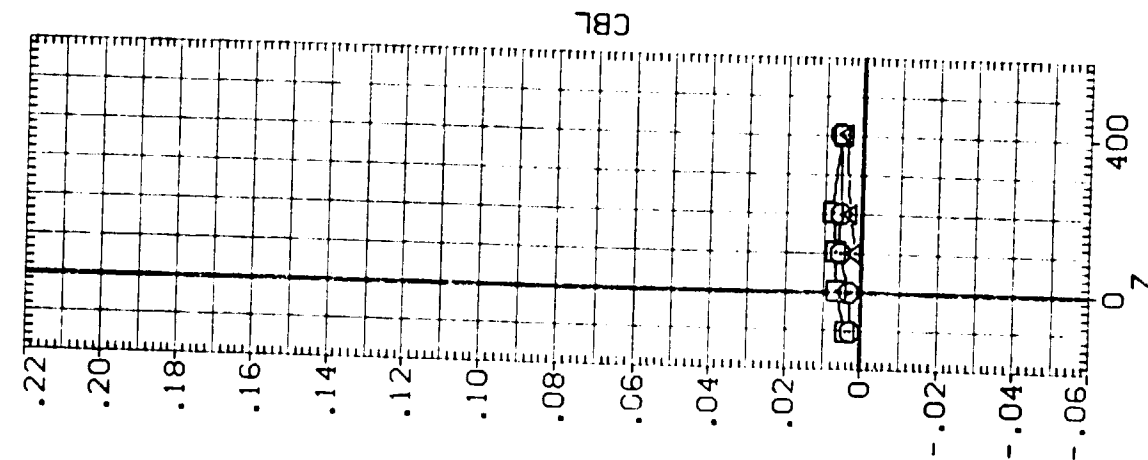
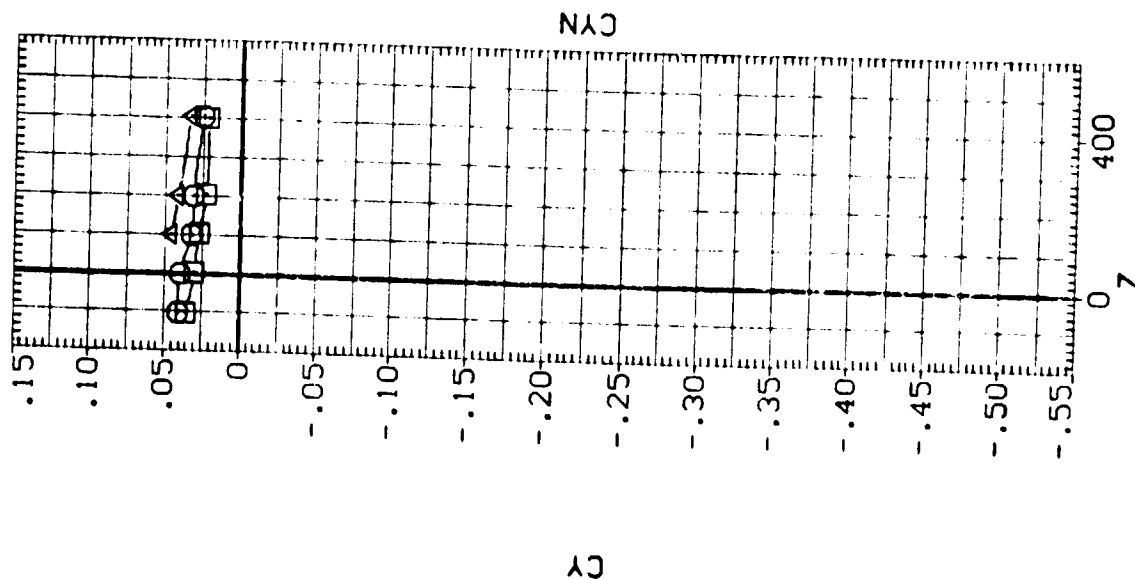


FIG.5 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)  
(D)Y =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU054) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM C/ET

(ATU055) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET

(ATU058) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET

REFERENCE INFORMATION

SREF 2690.0000 SQ. FT.

REF 1290.3000 INCHES

BREF 1290.3000 INCHES

ANRP 1298.5000 IN. XS

YMRP 9000 IN. YS

ZMRP 400.0000 IN. ZS

SCALE 0.100

MACH 4.520

X 300.000

DBETA -4.000

DALPHA .000

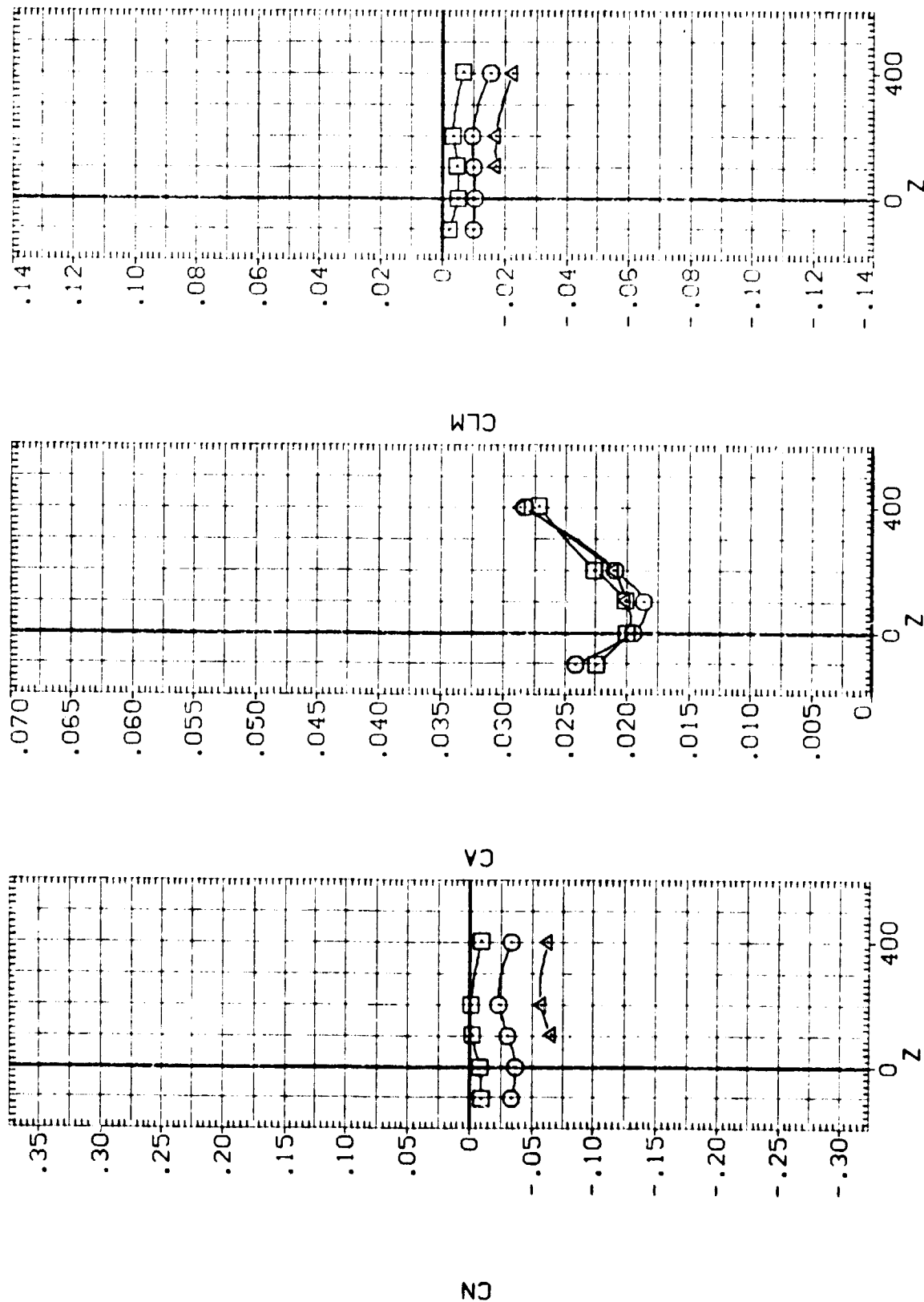


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(AT0054)	AEDC/VA528(1A87)-01ETIS1-R/H	.000	-4.000	300.000	4.520	SREF 2650.0000 SQ.FT.
(AT0055)	AEDC/VA528(1A87)-01ETIS1-R/H	5.000	-4.000	300.000	4.520	LREF 1250.3000 INCHES
(AT0058)	AEDC/VA528(1A87)-01ETIS1-R/H	-5.000	-4.000	300.000	4.520	BREF 1250.3000 INCHES
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

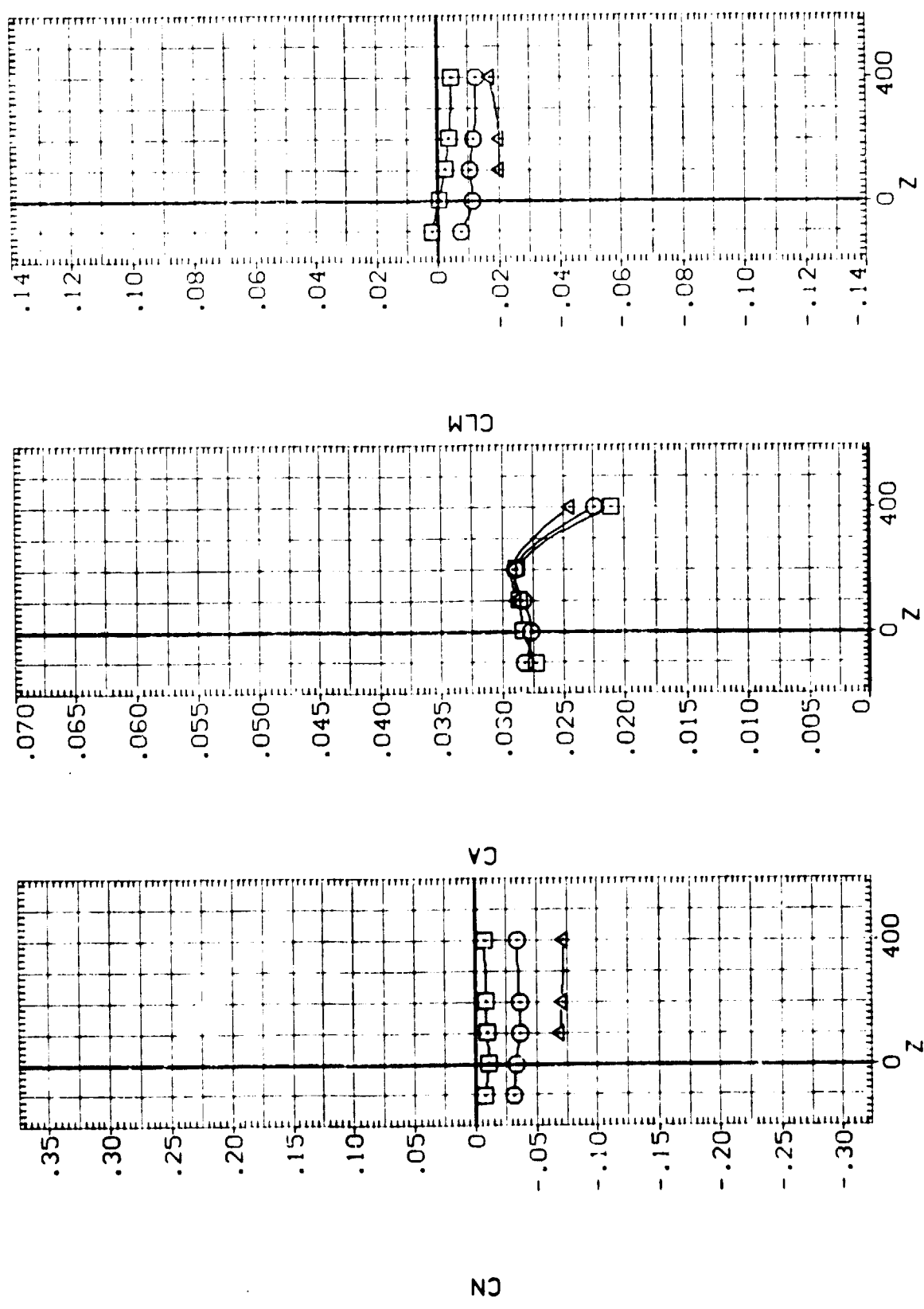


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU054)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB	.000	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU055)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB	5.000	-4.300	300.000	4.520	LREF 290.3000 INCHES
(ATU058)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB	-5.000	-4.000	300.000	4.520	BREF 290.3000 INCHES
							XMRP 258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

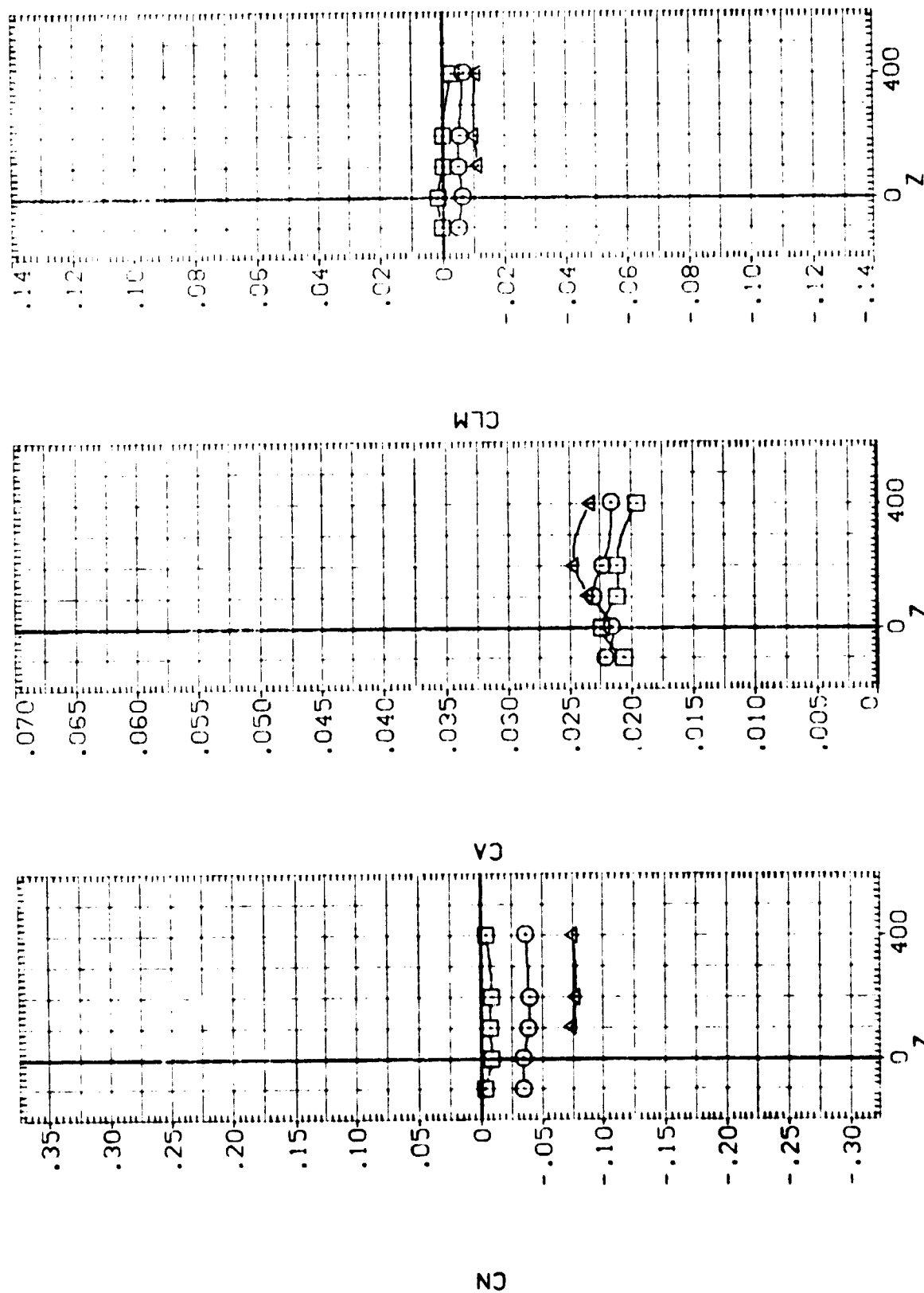


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=-5.7 BETA=0)

(D)Y =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU054)	AEDC/VAS28(1A87)-O1ET1SI-R/H	SRB	.000	-4.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU055)	AEDC/VAS28(1A87)-O1ET1SI-R/H	SRB	.000	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU058)	AEDC/VAS28(1A87)-O1ET1SI-R/H	SRB	-5.000	-4.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP .0000 IN. YS
							ZMRP .0000 IN. ZS
							SCALE 400.0000 IN. ZS

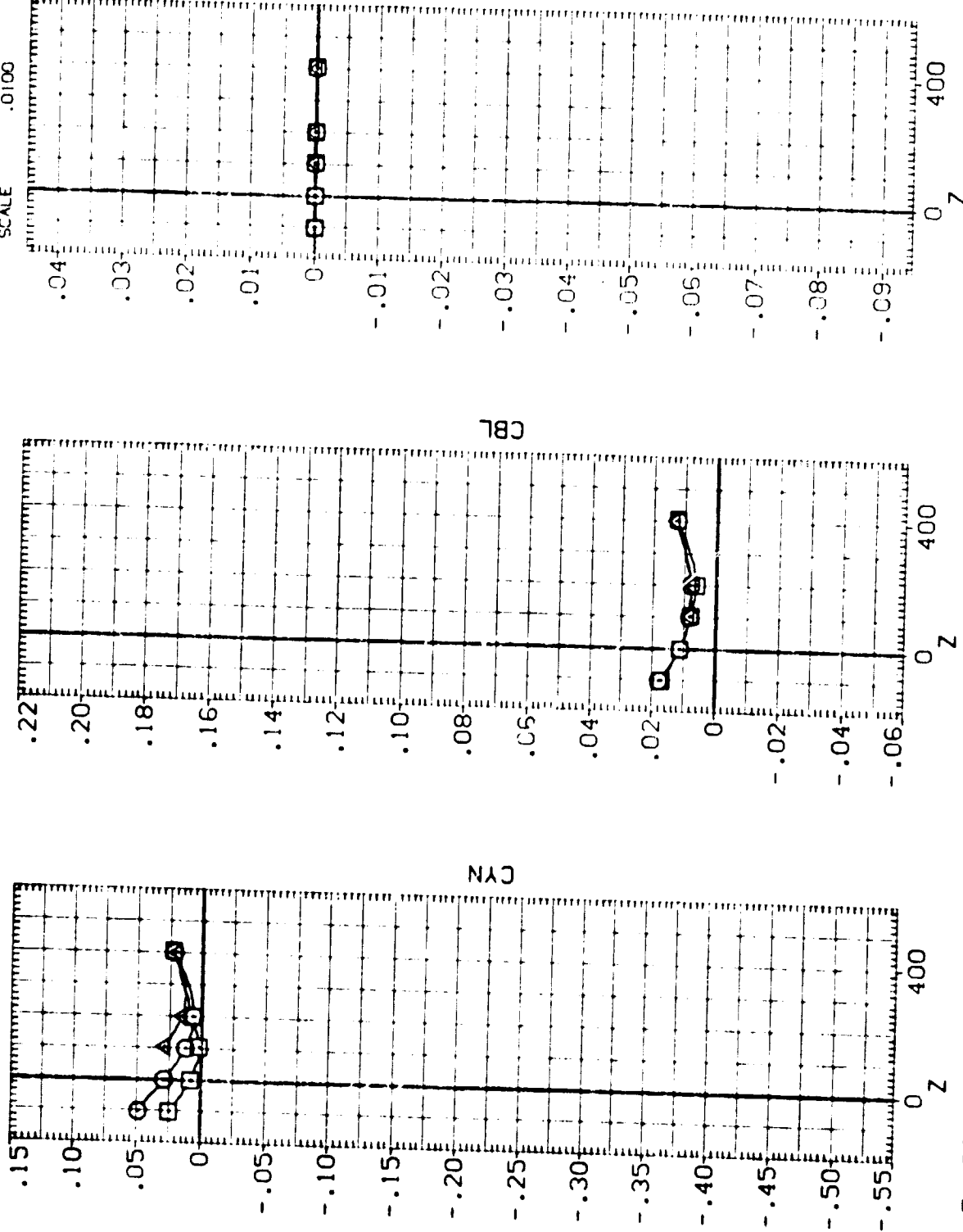


FIG.5 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)  
(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU054)	AEDC/VA528(1A87)-O/ET(SI-R/H)	SRB SEPAR. FROM O/ET	.000	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU055)	AEDC/VA528(1A87)-O/ET(SI-R/H)	SRB SEPAR. FROM O/ET	5.000	-4.000	300.000	4.520	UREF 1290.3000 INCHES
(ATU058)	AEDC/VA528(1A87)-O/ET(SI-R/H)	SRB SEPAR. FROM O/ET	-5.000	-4.000	300.000	4.520	BREF 250.3000 INCHES
							14RP 1258.5000 IN. XS
							14RP 1000 IN. YS
							24RP 400.0000 IN. ZS
							SCALE 1.0000

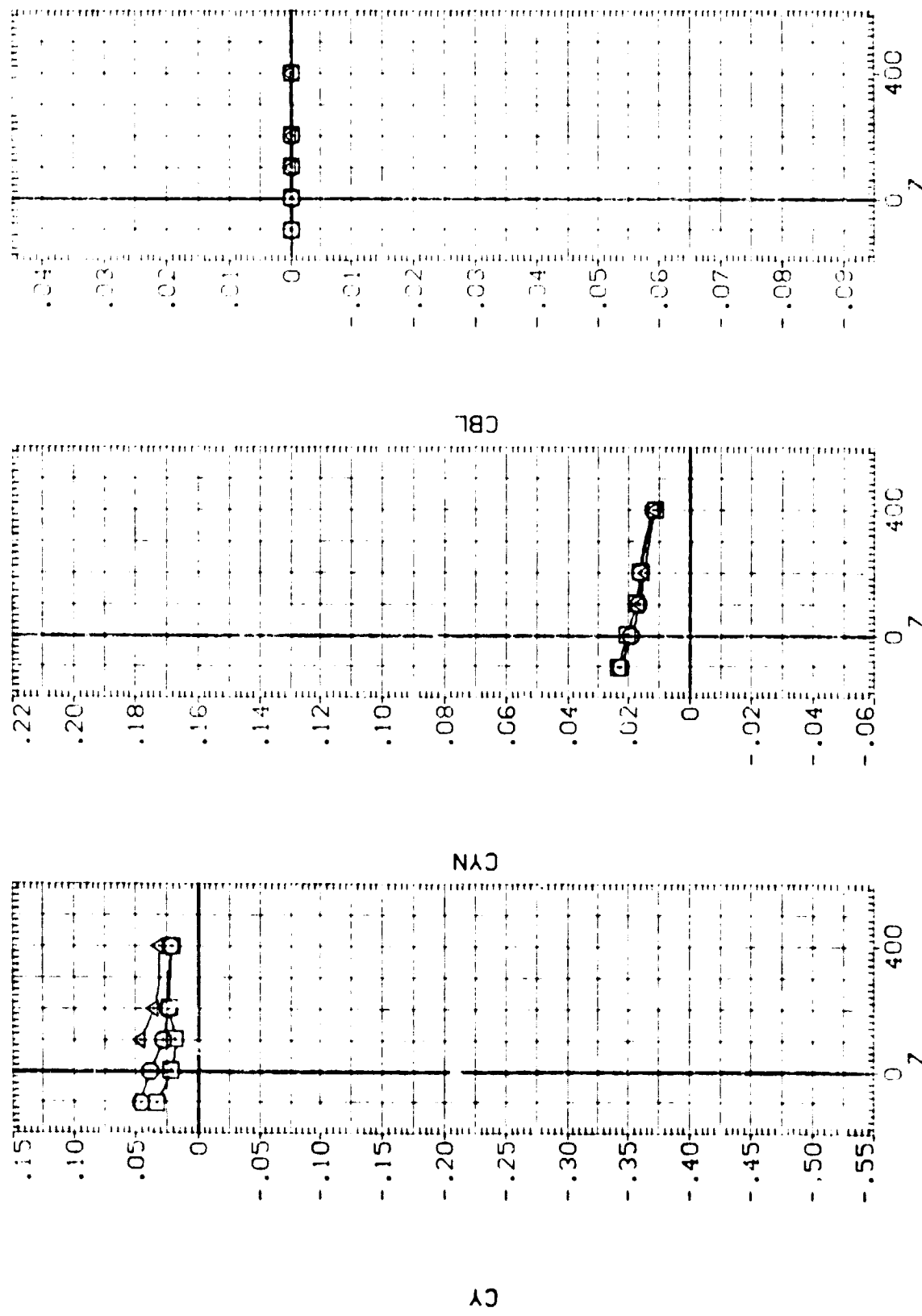


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(CY) = 200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU054)	AEDC/VA528(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/ET	.000	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU055)	AEDC/VA528(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/ET	5.000	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU058)	AEDC/VA528(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/ET	-5.000	-4.000	300.000	4.520	BREF 1290.3000 INCHES
							NRP 1258.5000 IN. XS
							NRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

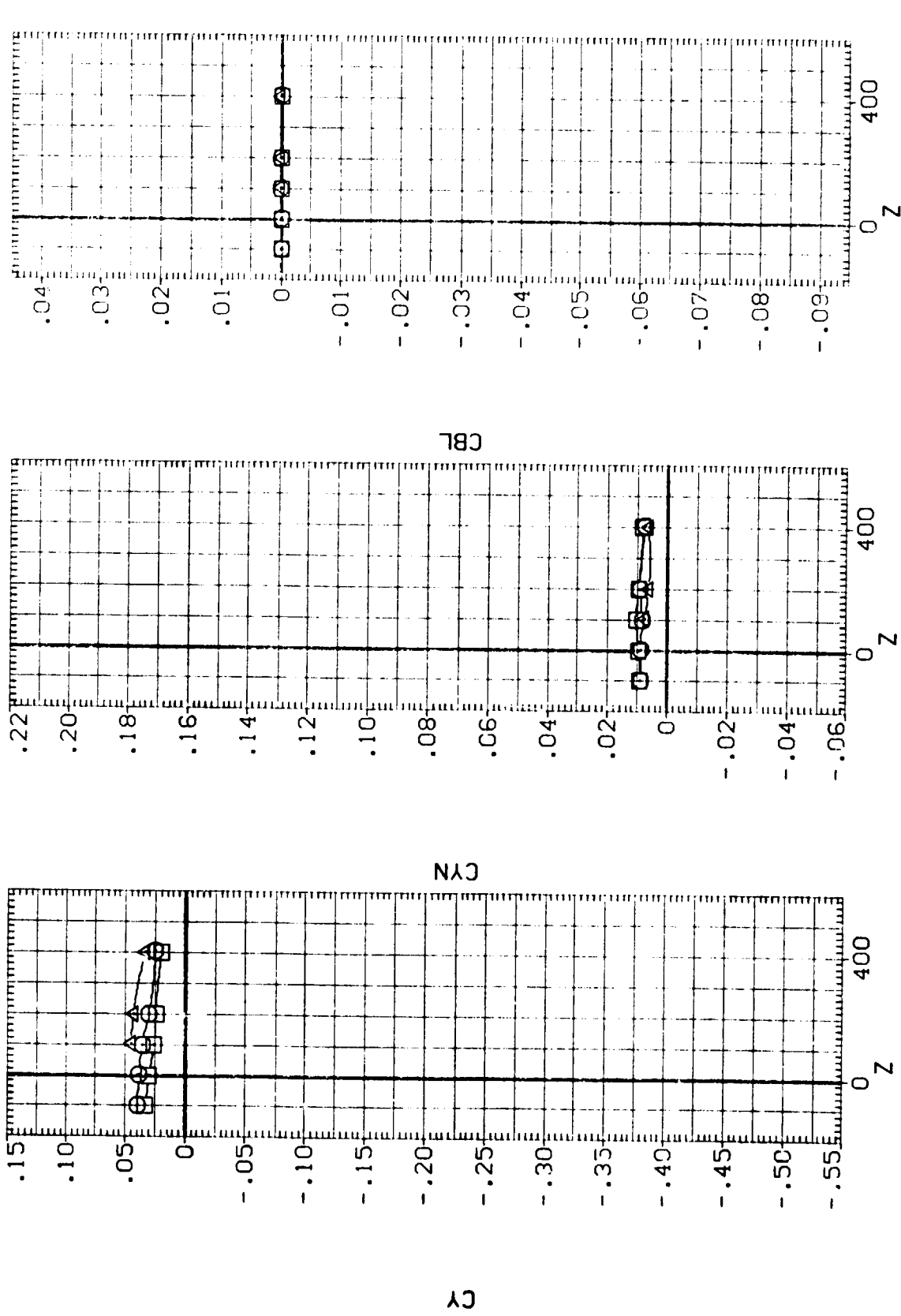


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU059)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	-8.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU062)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	-8.000	.000	4.520	LREF 1290.3000 INCHES
(ATU063)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	-8.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 100.0000 IN. ZS
							SCALE .0100

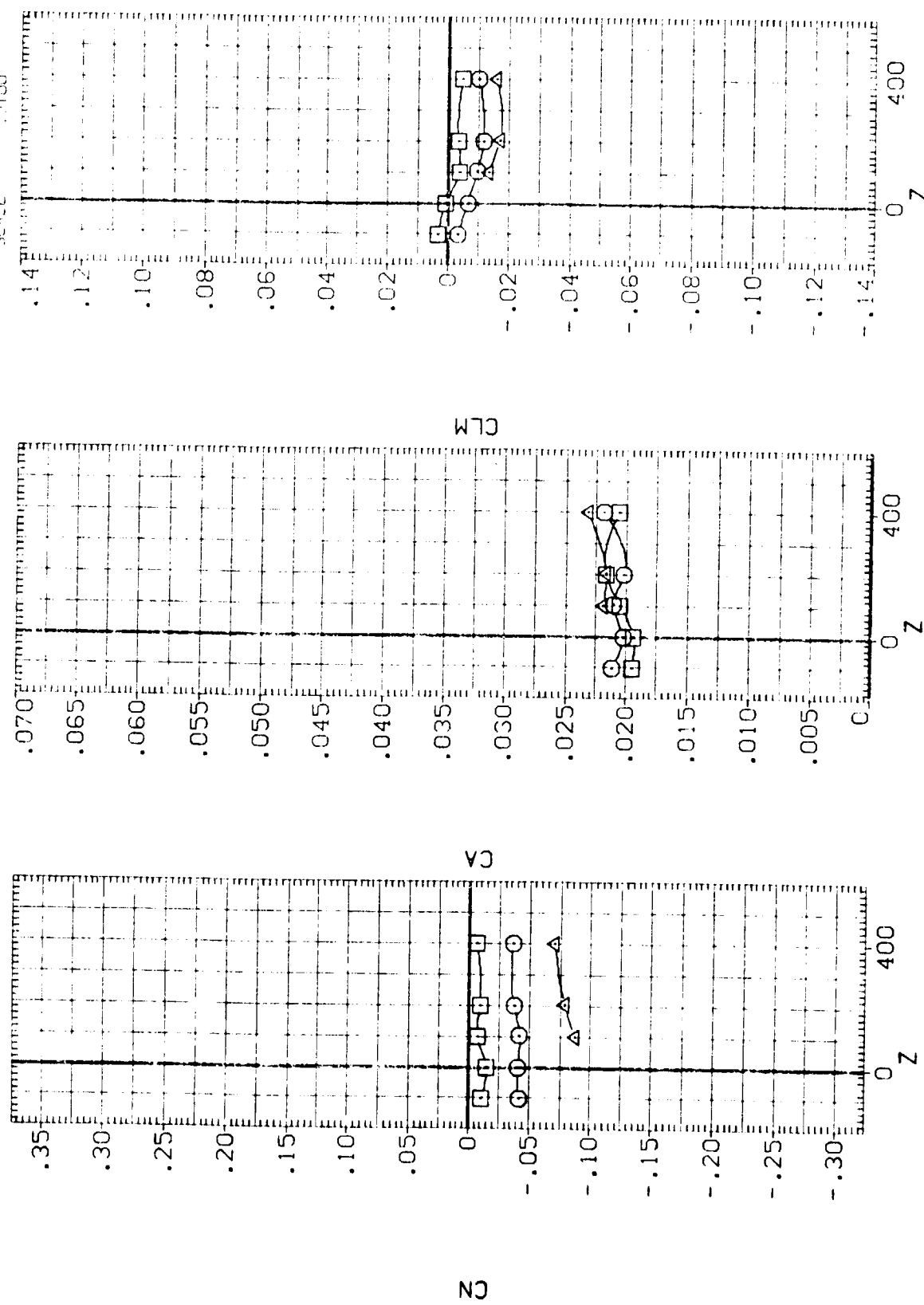


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU059)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	.000	-8.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU062)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	.000	-8.000	.000	4.520	LREF 1290.3000 INCHES
(ATU063)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	-5.000	-8.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

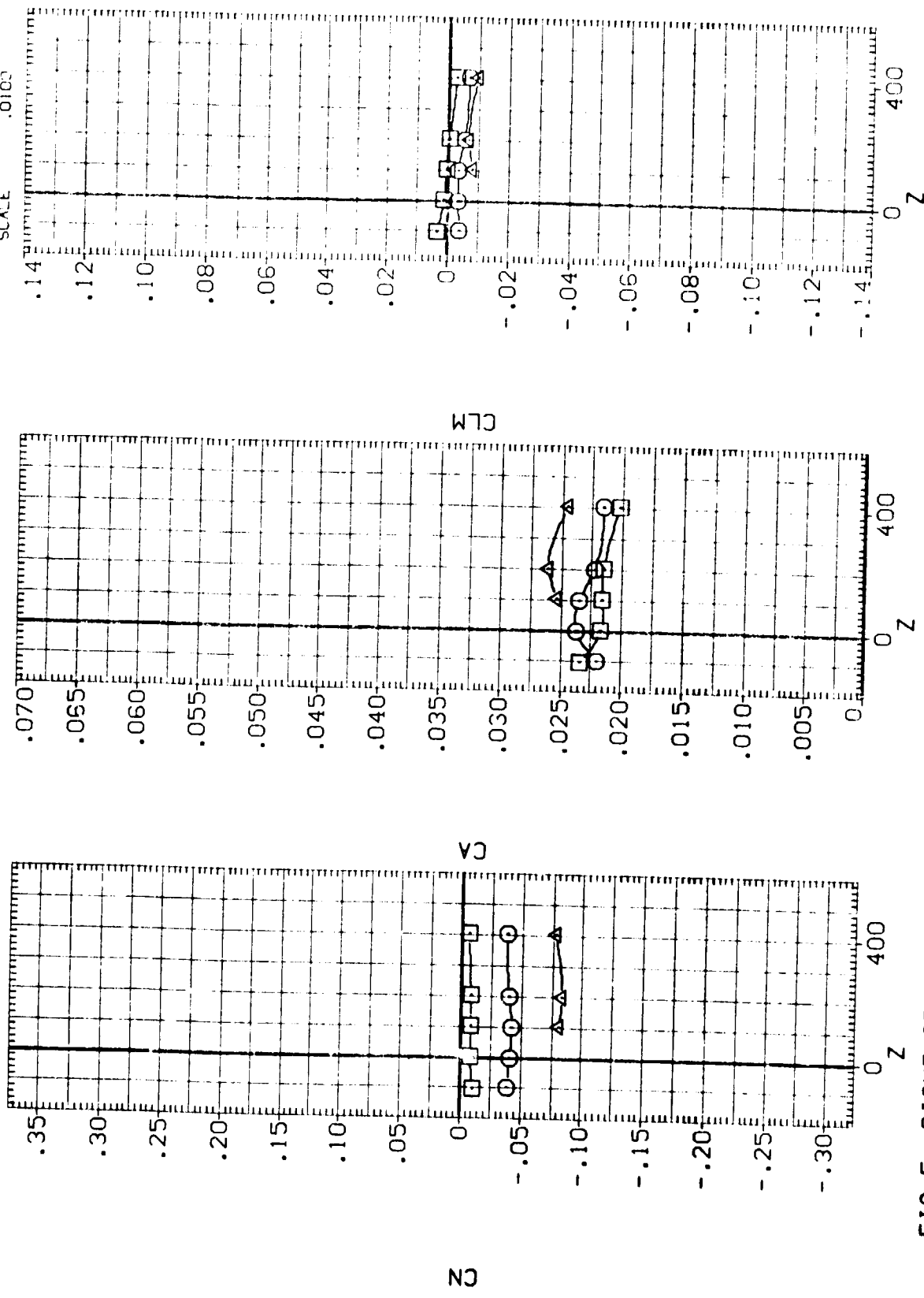


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)  
(D)Y =400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU059)	AEDC/VAS28(1A87)-O1ETIS -R/H SRB SEPAR. FROM O/ET	.000	-8.000	.000	4.520	SREF 2690.0000 SQ. FT.
(ATU062)	AEDC/VAS28(1A87)-O1ETIS -R/H SRB SEPAR. FROM O/ET	.000	-8.000	.000	4.520	LREF 1290.3000 INCHES
(ATU063)	AEDC/VAS28(1A87)-O1ETIS -R/H SRB SEPAR. FROM O/ET	-5.000	-8.000	.000	4.520	BREF 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

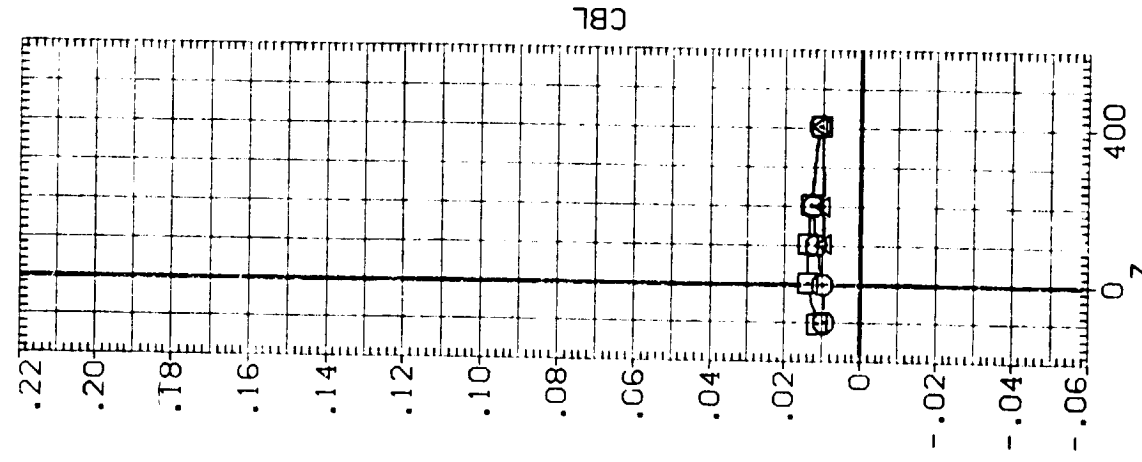
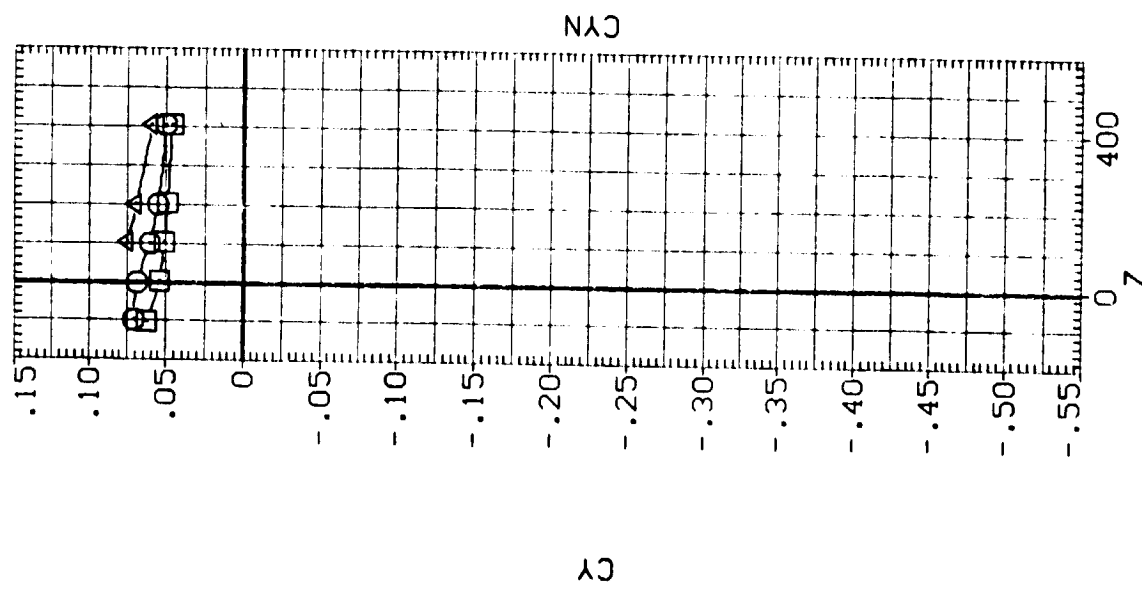


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU060)	AEDC/VAS28(1A87)-O/E/T S1-R/H	SRB SEPAR. FROM O/E/T	.000	-8.000	300.000	4.520	SREF 2630.0000 SQ. FT.
(ATU061)	AEDC/VAS28(1A87)-O/E/T S1-R/H	SRB SEPAR. FROM O/E/T	5.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU064)	AEDC/VAS28(1A87)-O/E/T S1-R/H	SRB SEPAR. FROM O/E/T	-5.000	-8.000	300.000	4.520	MRP 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP 400.0000 IN. YS
							SCALE .0100

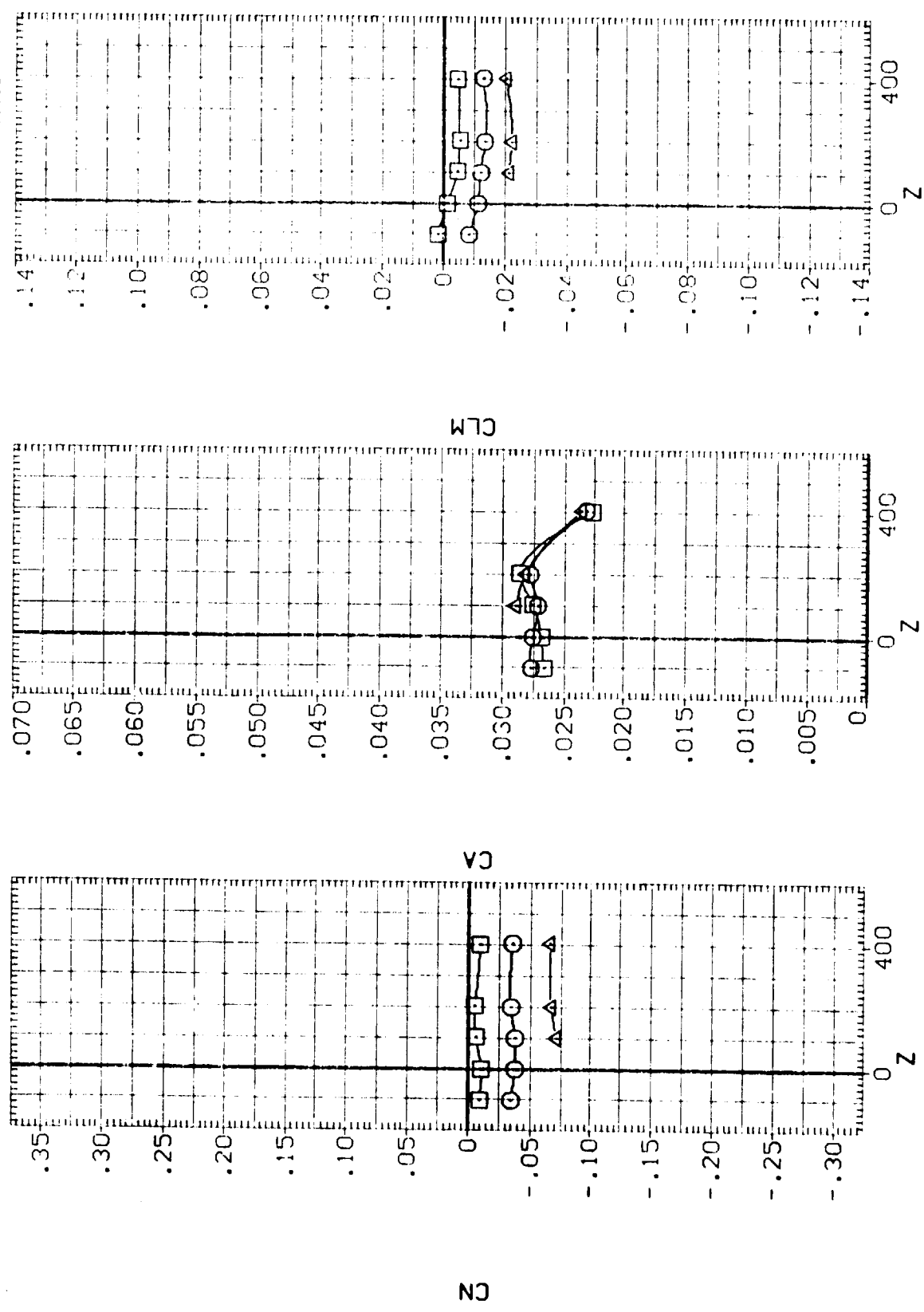


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=-5.7 BETA=0)

(C)Y =200.00

DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(ATU060)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

(ATU061)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

(ATU064)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(ATU060)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

(ATU061)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

(ATU064)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(ATU060)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

(ATU061)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

(ATU064)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(ATU060)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

(ATU061)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

(ATU064)    AEDC/VA528(IAB7)-01ETISI-R/H    SRB SEPAR. FROM O/ET

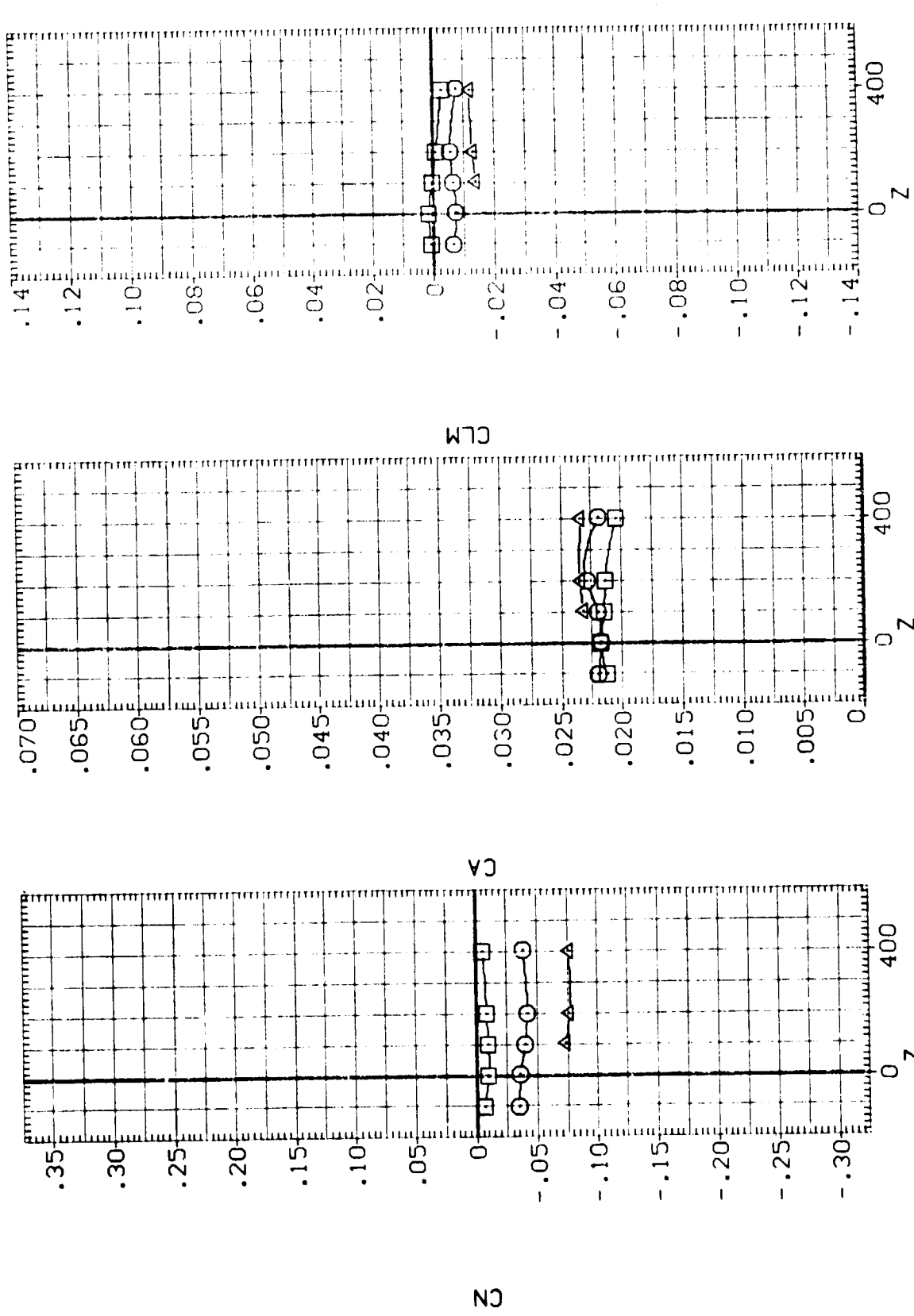


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(O)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFO.
(ATU060)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/EI	.000	-8.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU061)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/EI	5.000	-8.000	300.000	4.520	SREF 1290.3000 INCHES
(ATU064)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/EI	-5.000	-8.000	300.000	4.520	SREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

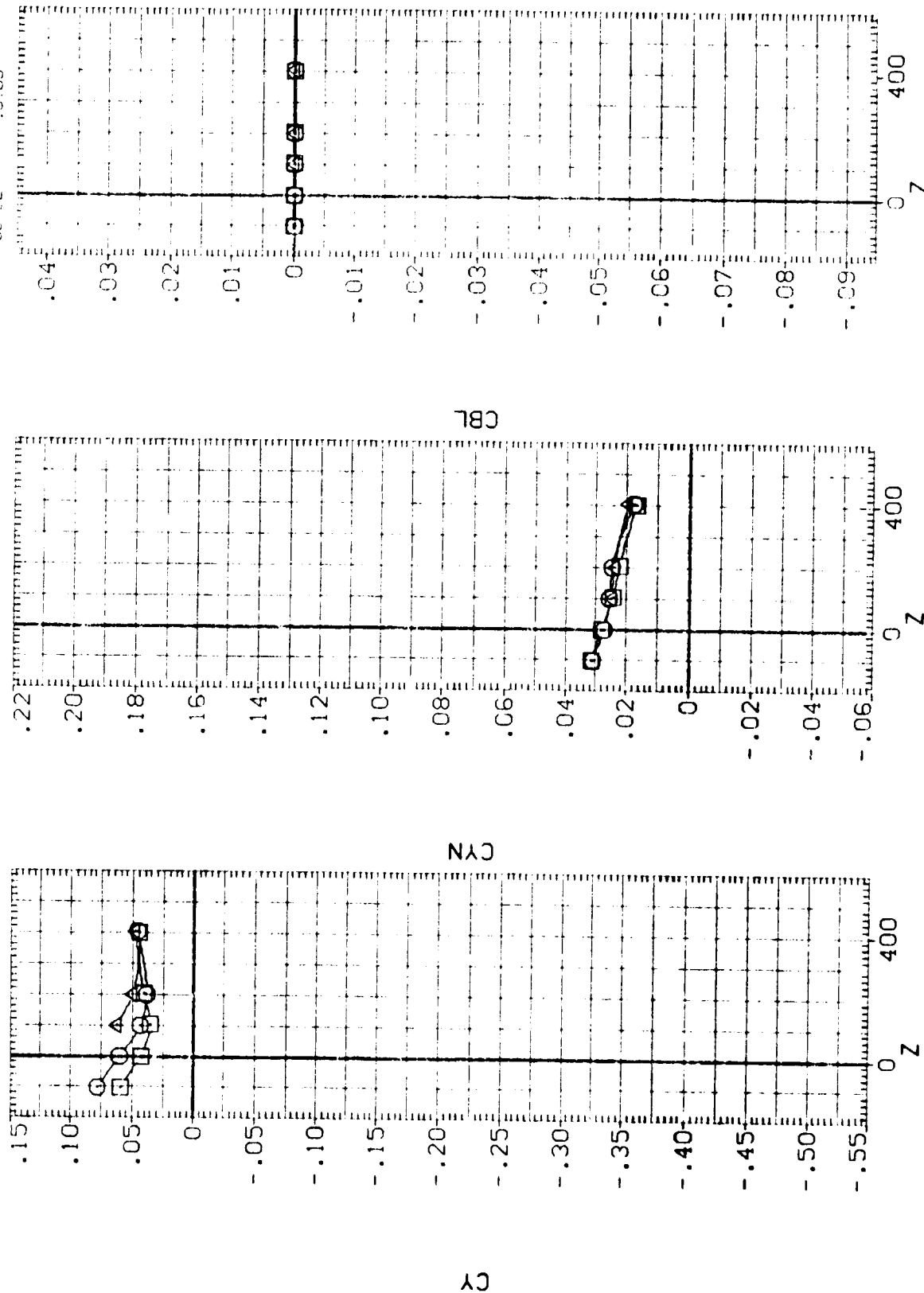


FIG.5 RIGHT SRB AERO CHARACT SEPARATING FROM O/EI (ALPHA=-5.7 BETA=0)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU060)	AEDC/VA528(1A87)-01ETIS1-R/H	.000	-8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU061)	AEDC/VA528(1A87)-01ETIS1-R/H	5.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU064)	AEDC/VA528(1A87)-01ETIS1-R/H	-5.000	-8.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

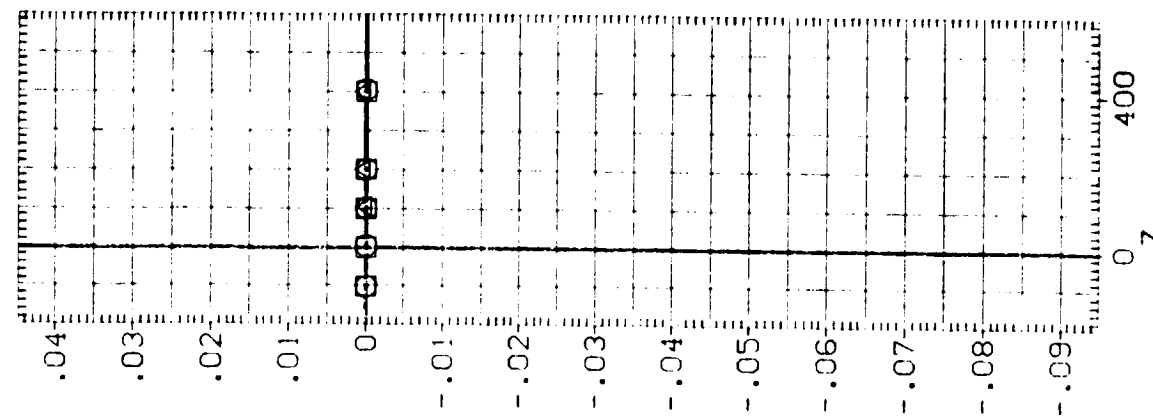
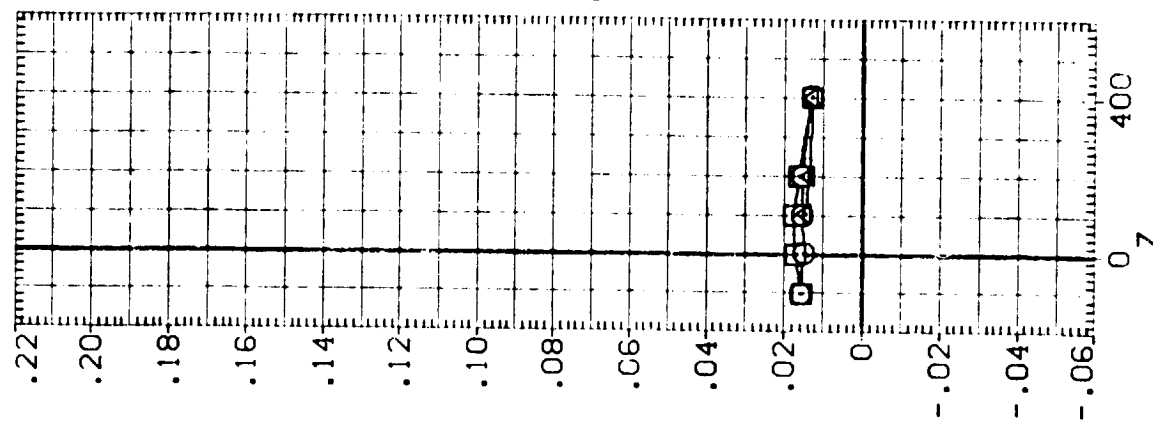
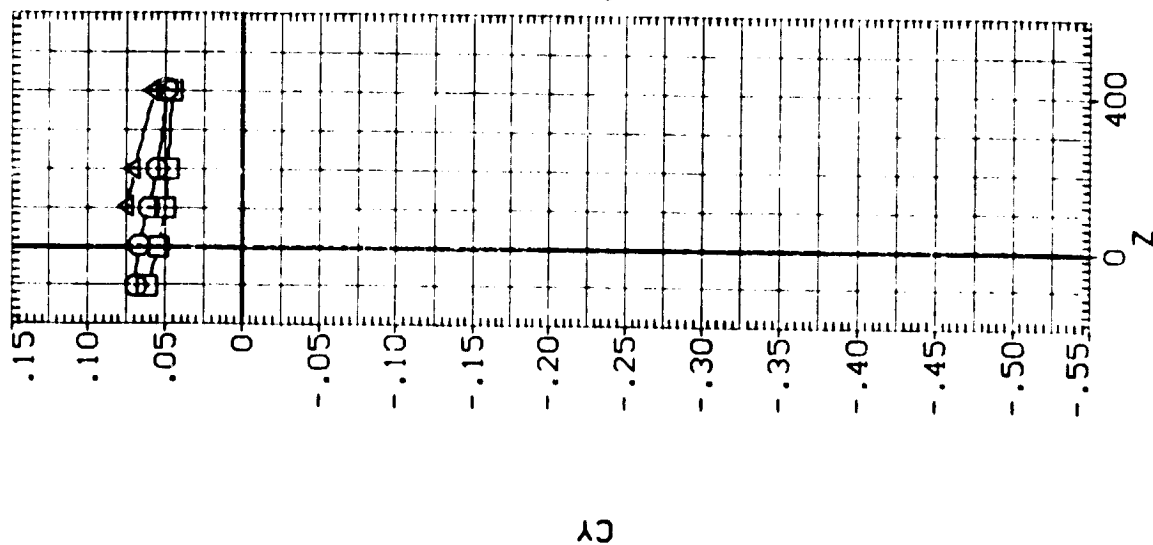


FIG.5 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-5.7 BETA=0)

(D)Y = 400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU065) AEDC/VA528(IAB7)-OJET(I)-R/H  
 (ATU068) AEDC/VA528(IAB7)-OJET(I)-R/H  
 (ATU069) AEDC/VA528(IAB7)-OJET(I)-R/H

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 XMRP 1290.3000 INCHES  
 YMRP 1258.5000 IN. XS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

MACH  
 4.520  
 4.520  
 4.520

DALPHA  
 .000  
 .000  
 .000

SEPAR FROM O/ET  
 .000  
 .000  
 .000

SRB

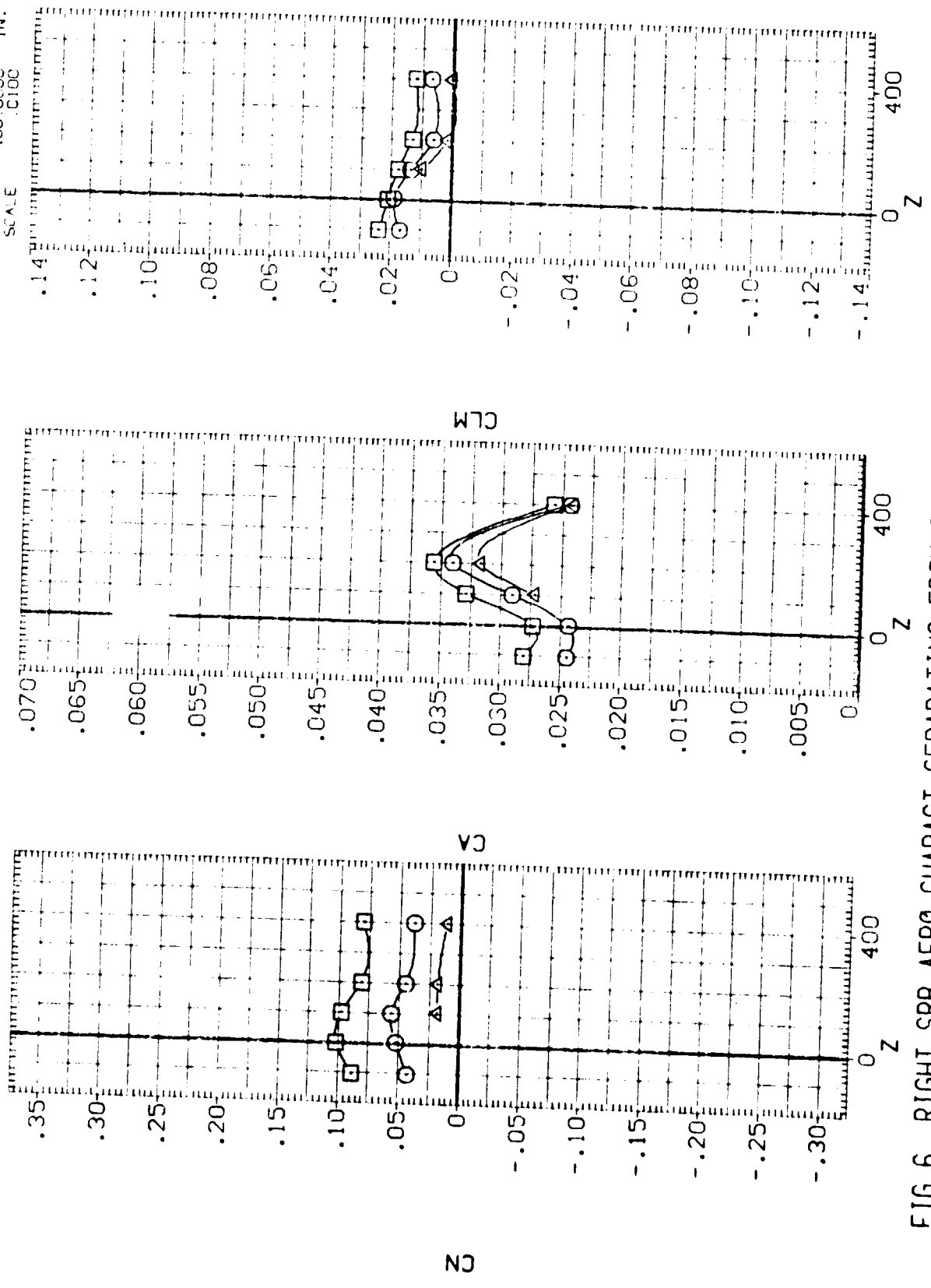


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)  
 (A)Y = 10.00

DATA SET SYMBOL    CONFIGURATION DESCRIPTION    IN

(ATUG65)    AEDC/VA528(IAB7)-O1ET1S1-R/H    SRB SEPAR. FROM O/ET

(ATUG66)    AEDC/VA528(IAB7)-O1ET1S1-R/H    SRB SEPAR. FROM O/ET

(ATUG69)    AEDC/VA528(IAB7)-O1ET1S1-R/H    SRB SEPAR. FROM O/ET

DALPHA    DBETA    X    MACH    REFERENCE INFORMATION

0.000    0.000    0.000    4.520    SREF    2690.0000    SQ.FT.

0.000    0.000    0.000    4.520    LREF    1290.3000    INCHES

0.000    0.000    0.000    4.520    BREF    1290.3000    INCHES

0.000    0.000    0.000    4.520    YMRP    1258.5000    IN. XS

0.000    0.000    0.000    4.520    ZMRP    400.0000    IN. YS

0.000    0.000    0.000    4.520    SCALE    0.0100    IN. ZS

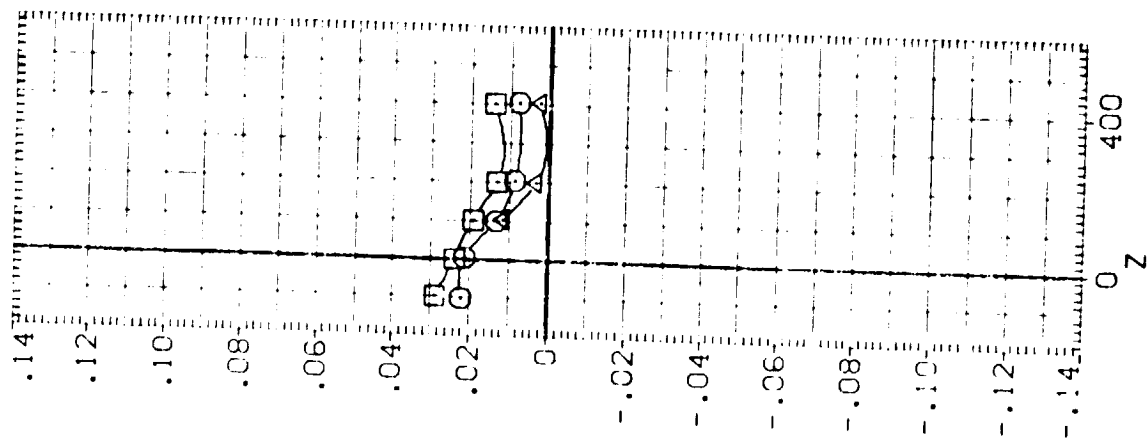
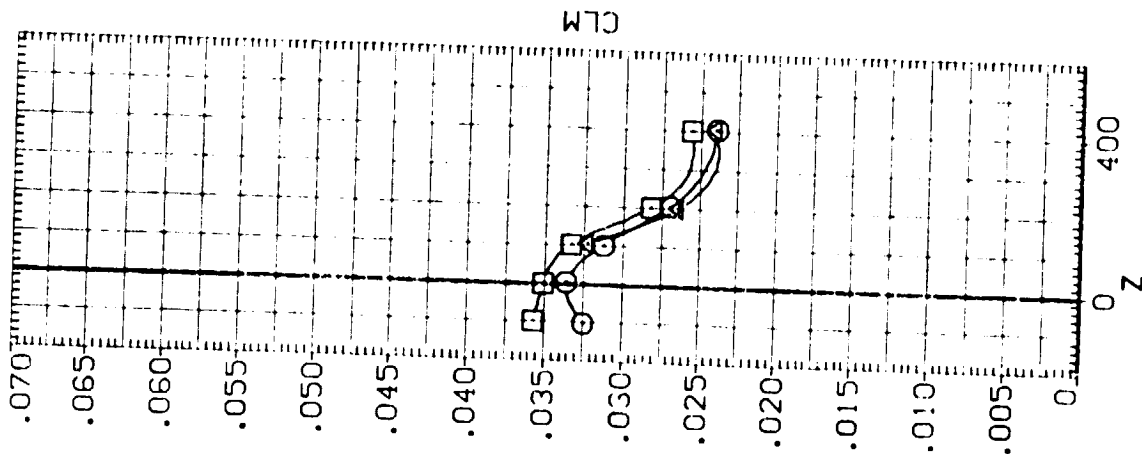
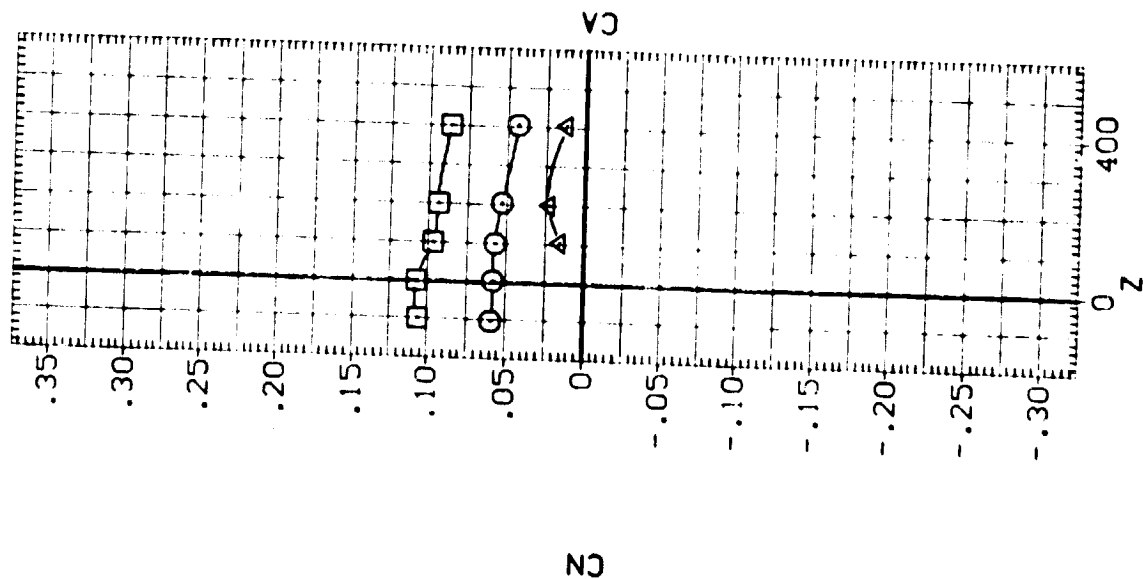


FIG.6 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=10.3 BETA=0)

(B) Y = 100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU065)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU068)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.520	BREF 1290.3000 INCHES
(ATU069)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 100.0000 IN. ZS
							SCALE .0100

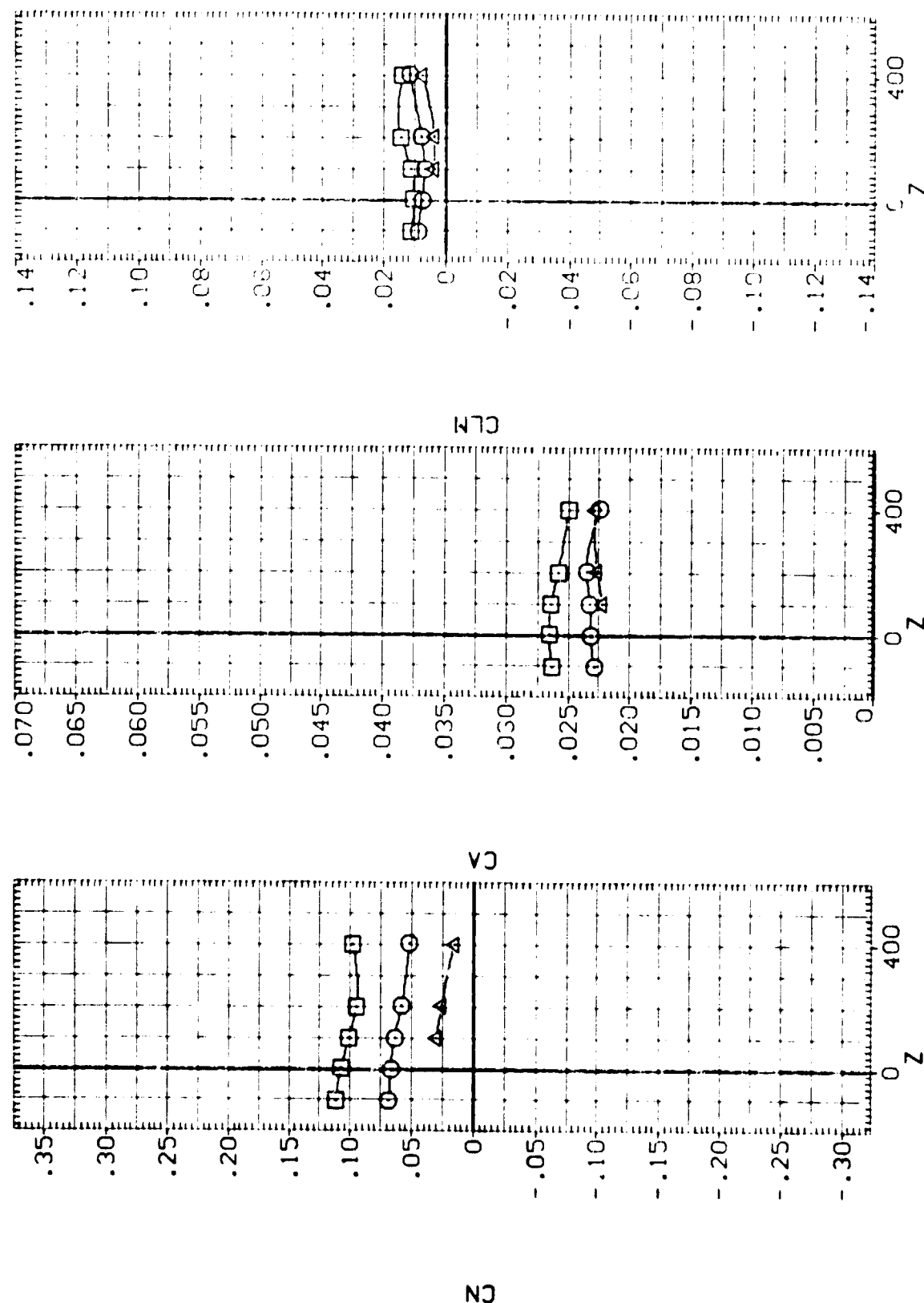


FIG.6 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(D)Y = 400.00



DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(ATU065)	AEDC/VA528(1A87)	-J1ET S -R/H
(ATU068)	AEDC/VA528(1A87)	J1ET S -R/H
(ATU069)	AEDC/VA528(1A87)	-J1ET S -R/H

MACH		REFERENCE INFORMATION	
4.520	SREF	2990.0000	50. FT.
4.520	WREF	2990.0000	INCHES
4.520	SREF	1250.3000	INCHES
	WREF	2.58	IN. XS
	WREF	5.000	IN. YS
	ZMPR	.0000	IN. ZS
	ZMPR	400.0000	SCALE
		.0100	

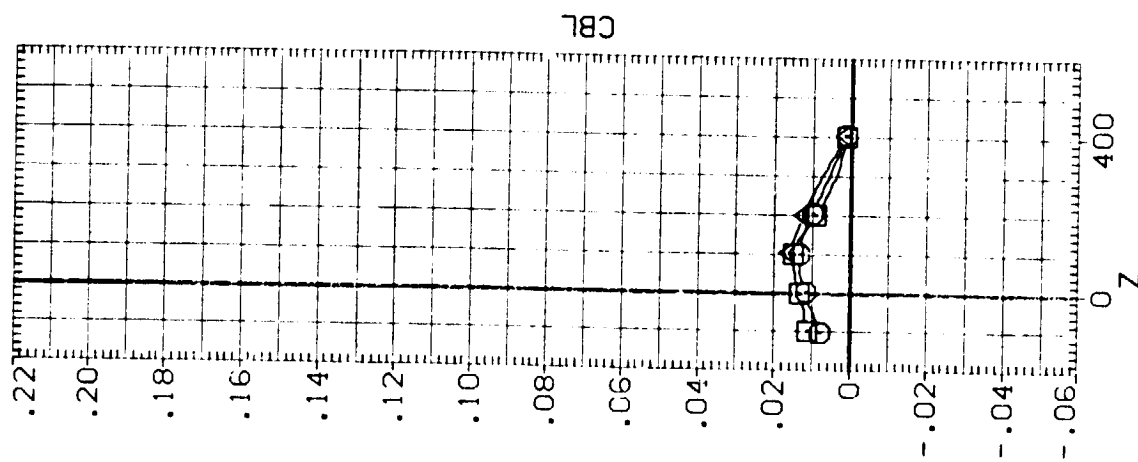
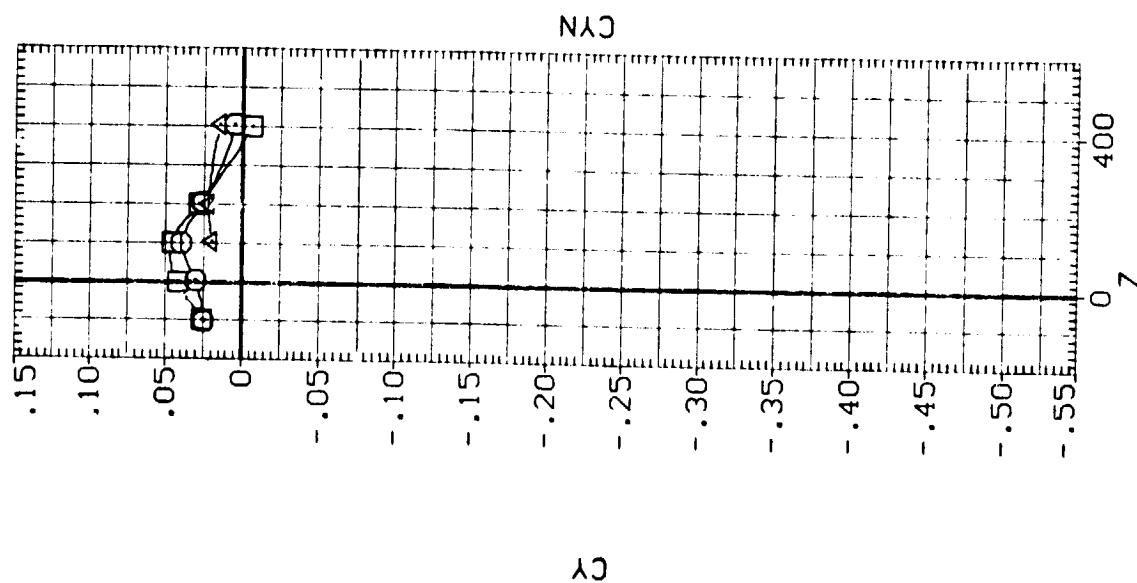


FIG. 6 RIGHT SRB AERO CHARACTERISTICS FROM 0/ET (ALPHA=10.3 BETA=0)  
(8) Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU065)	AEDC/VAS28(1A87)-G1ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.520	SREF 2590.0000 SO.FT.
(ATU068)	AEDC/VAS28(1A87)-G1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU069)	AEDC/VAS28(1A87)-G1ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	.000	.000	4.520	SREF 1290.3000 INCHES
							VMRP 1.38 5000 IN. XS
							VMRP 400.0000 IN. YS
							SCALE .0100

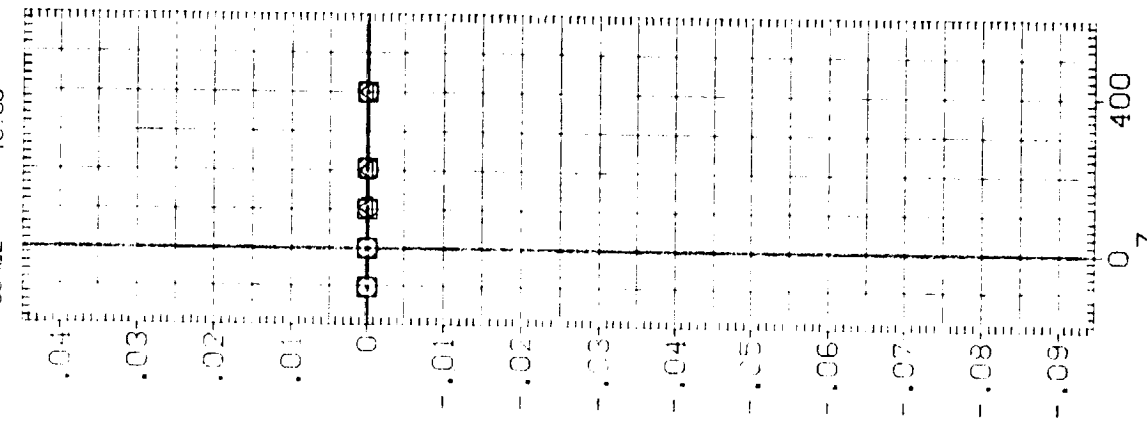
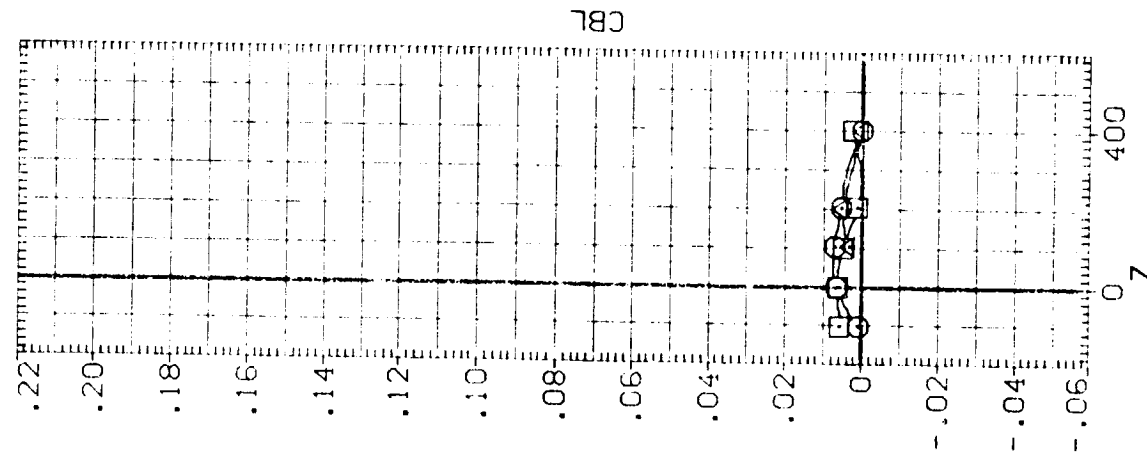
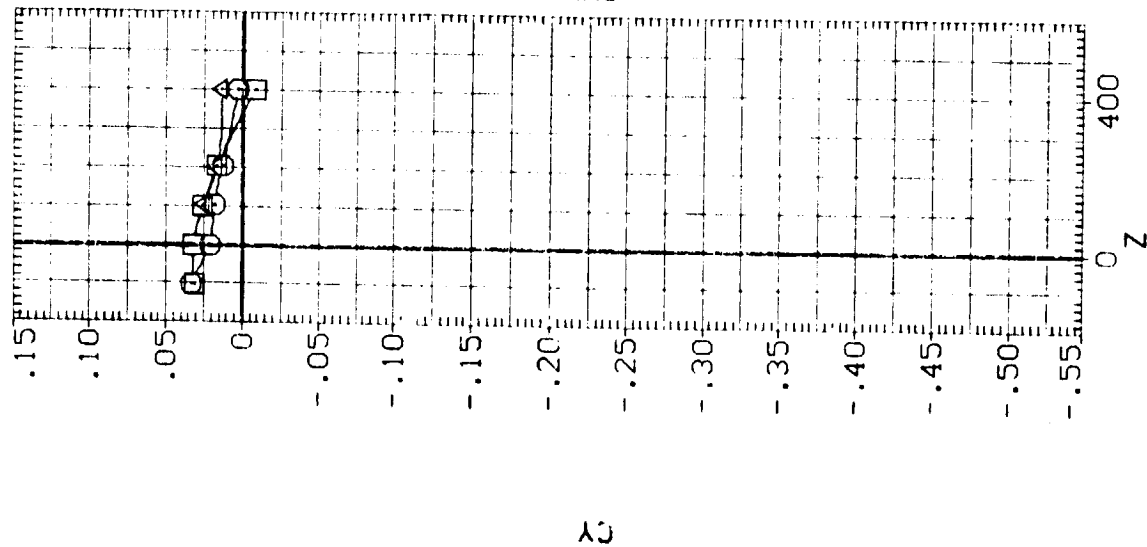


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DELTA	DBETA	MACH	REFERENCE INFORMATION
(ATU065)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	.000	.000	4.520	2690.0000 SQ.FT.
(ATU068)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	.000	.000	4.520	1290.3000 INCHES
(ATU069)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	-5.000	.000	4.520	1290.3000 INCHES
						1258.5000 IN. XS
						1258.5000 IN. YS
						400.0000 IN. ZS
						SCALE .0100

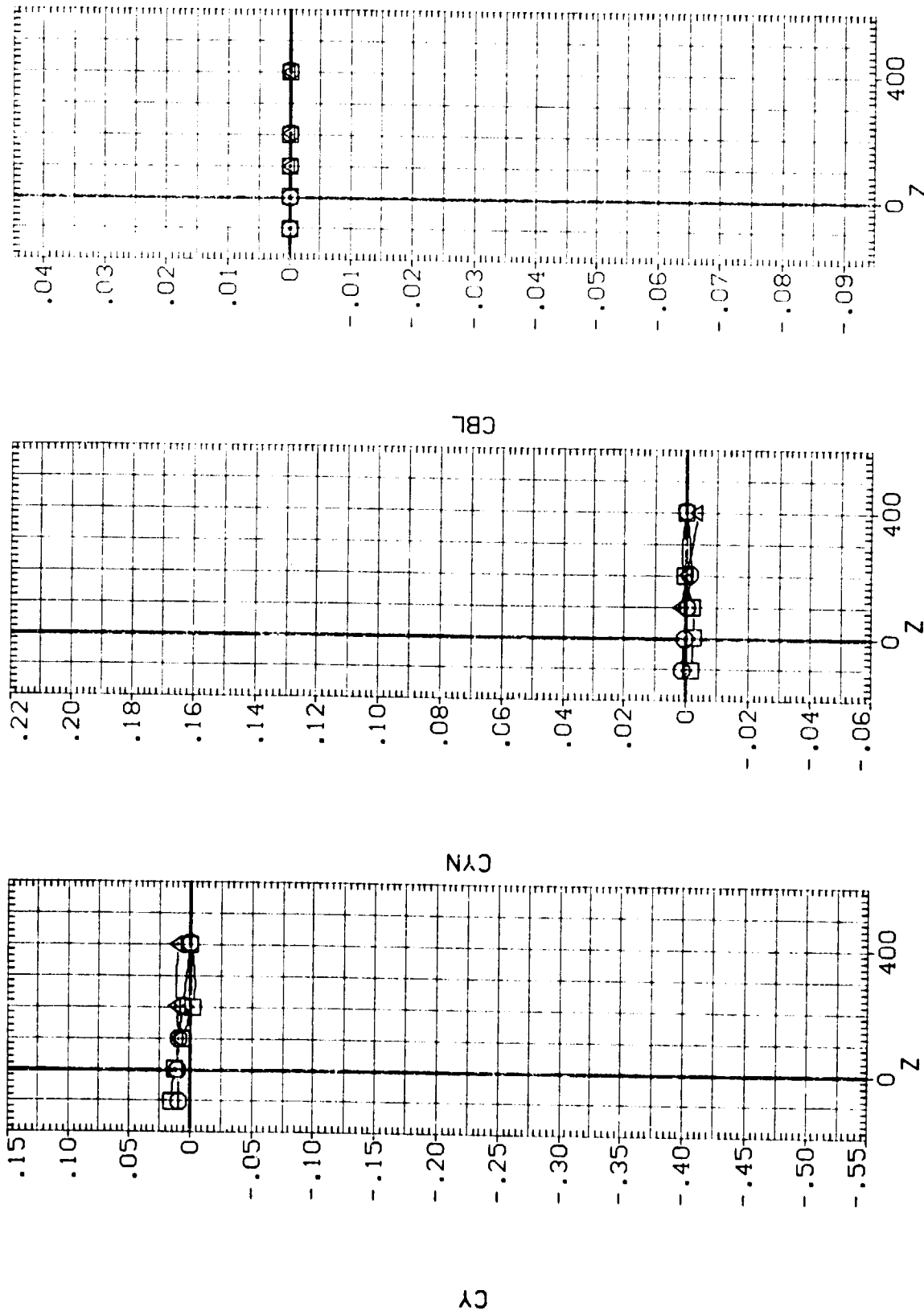


FIG.6 RIGHT SRB AERO CHARACTER SEPARATING FROM O/E/T (ALPHA=10.3 BETA=0)

(D)Y =400.00

DATA SET SYMBOL: (ATU066)  
 (ATU067)  
 (ATU070)

CONFIGURATION DESCRIPTION:  
 AEDC/VAS28 (A87) - C1ET1S1 - R/H  
 AEDC/VAS28 (A87) - C1ET1S1 - R/H  
 AEDC/VAS28 (A87) - C1ET1S1 - R/H

SRB SEPAR. FROM 0/ET  
 SRB SEPAR. FROM 0/ET  
 SRB SEPAR. FROM 0/ET

ALPHA: .000  
 .000  
 .000

BETA: .000  
 .000  
 .000

X: 300.000  
 300.000  
 300.000

MACH: 4.520  
 4.520  
 4.520

REFERENCE INFORMATION:  
 SREF: 2690.0000 SQ.FT.  
 LREF: 1290.3000 INCHES  
 BREF: 1290.3000 INCHES  
 XMRP: 1258.5000 IN. XS  
 YMRP: .0000 IN. YS  
 ZMRP: 400.0000 IN. ZS  
 SCALE: .0100

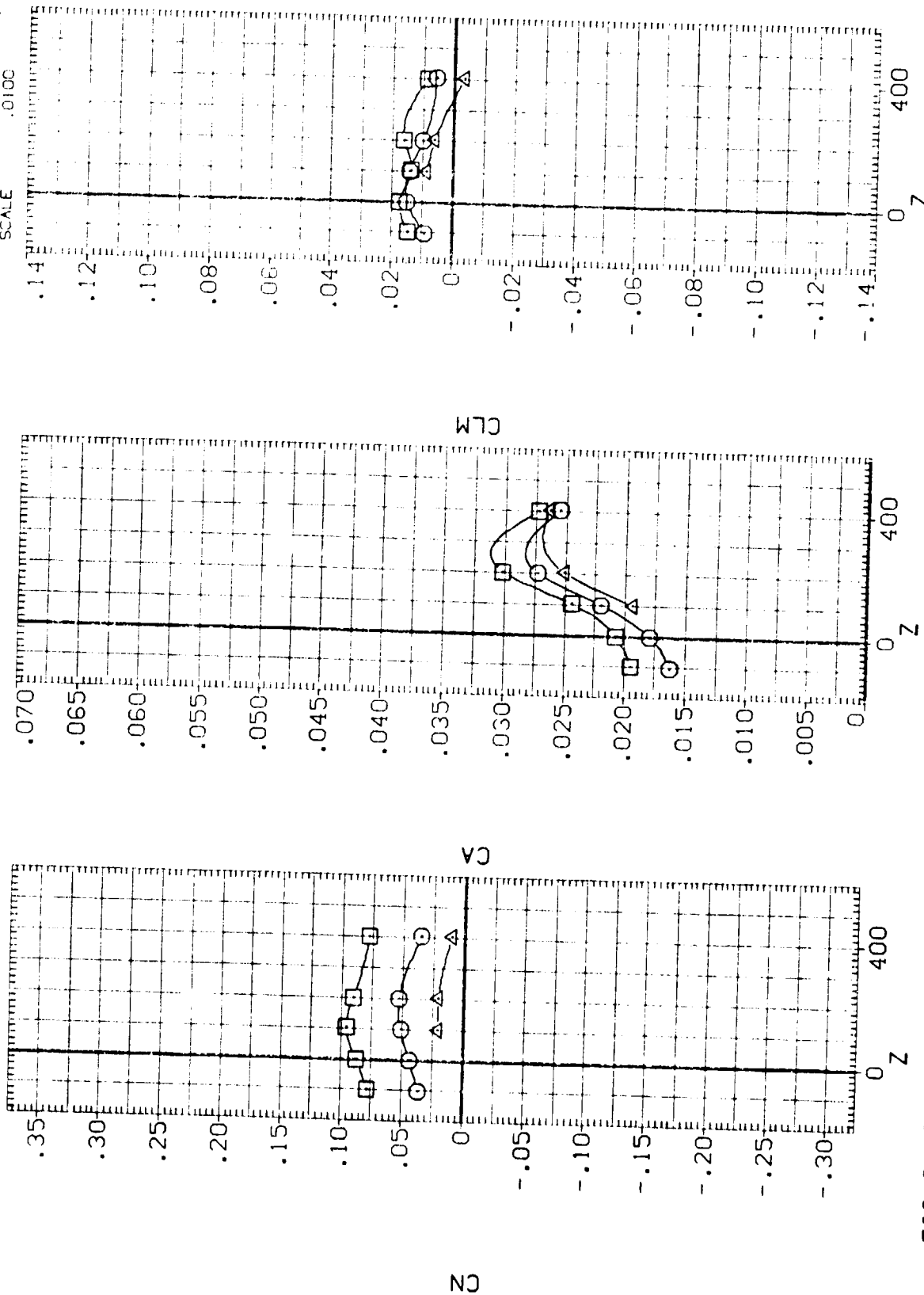


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=10.3 BETA=0)  
 (A)Y = 10.00

DATA SET SYMBOL  
(ATU066)  
(ATU067)  
(ATU070)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(IAB7)-O1ET1SI-R/H  
AEDC/VAS28(IAB7)-O1ET1SI-R/H  
AEDC/VAS28(IAB7)-O1ET1SI-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA DBETA X  
.000  
.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

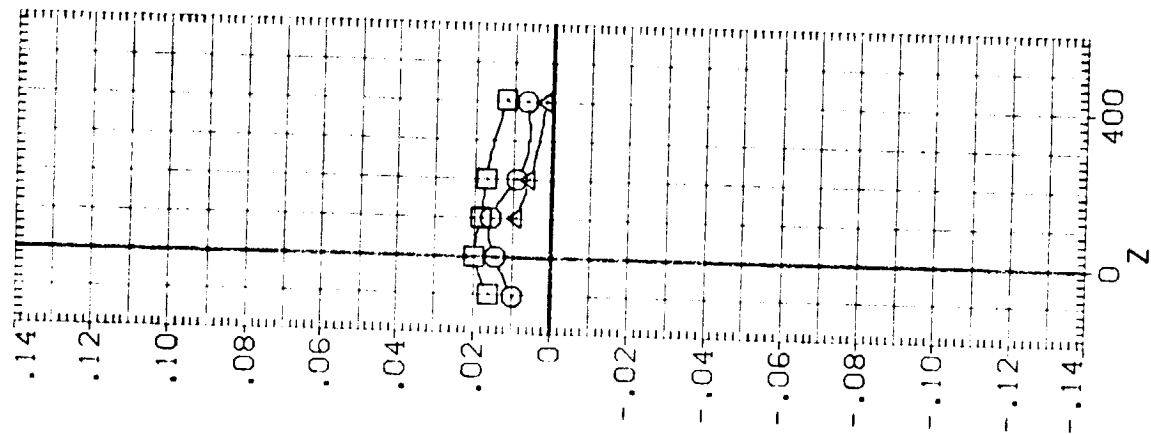
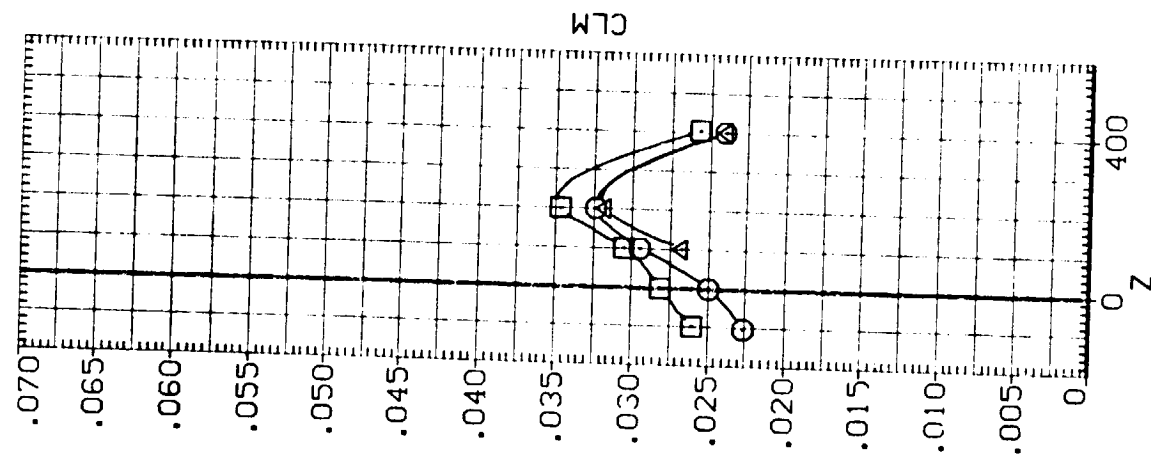
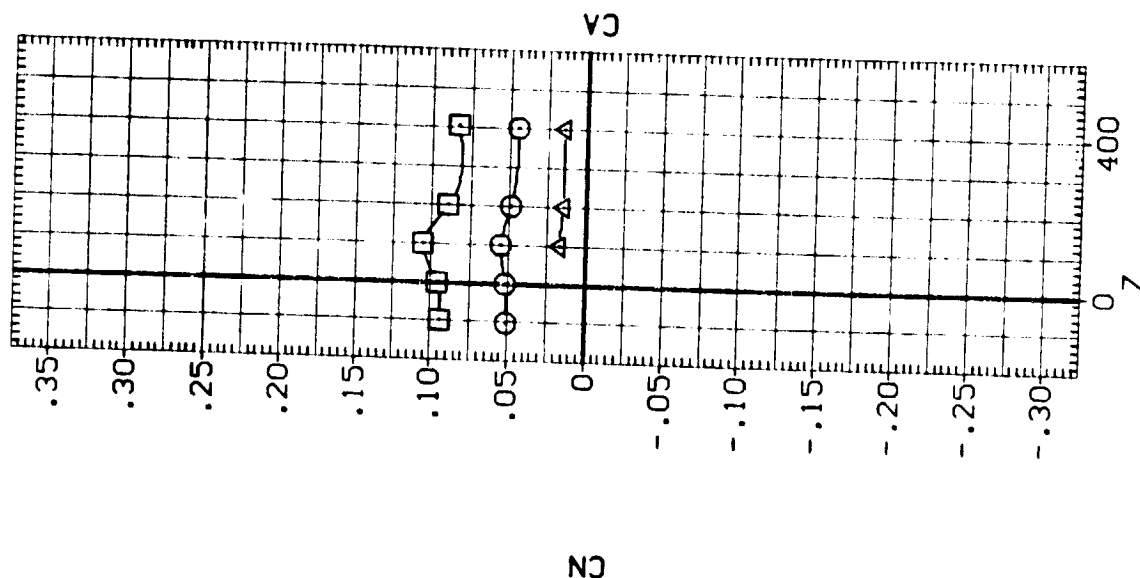


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)  
(B)Y =100.00

DATA SET SYMBOL: (ATU066) (ATU067) (ATU070) CONFIGURATION DESCRIPTION: AEDC/VA528(IAB7)-O1ETIS1-R/H AEDC/VA528(IAB7)-O1ETIS1-R/H AEDC/VA528(IAB7)-O1ETIS1-R/H SRB SEPAR FROM O/ET SRB SEPAR FROM O/ET SRB SEPAR FROM O/ET SRB SEPAR FROM O/ET MACH: 4.520 4.520 4.520 REFERENCE INFO: 2690.0000 SQ.FT. 290.3000 INCHES 290.3000 INCHES 259.5000 IN. XS 400.0000 IN. YS 400.0000 IN. ZS SCALE: .0100

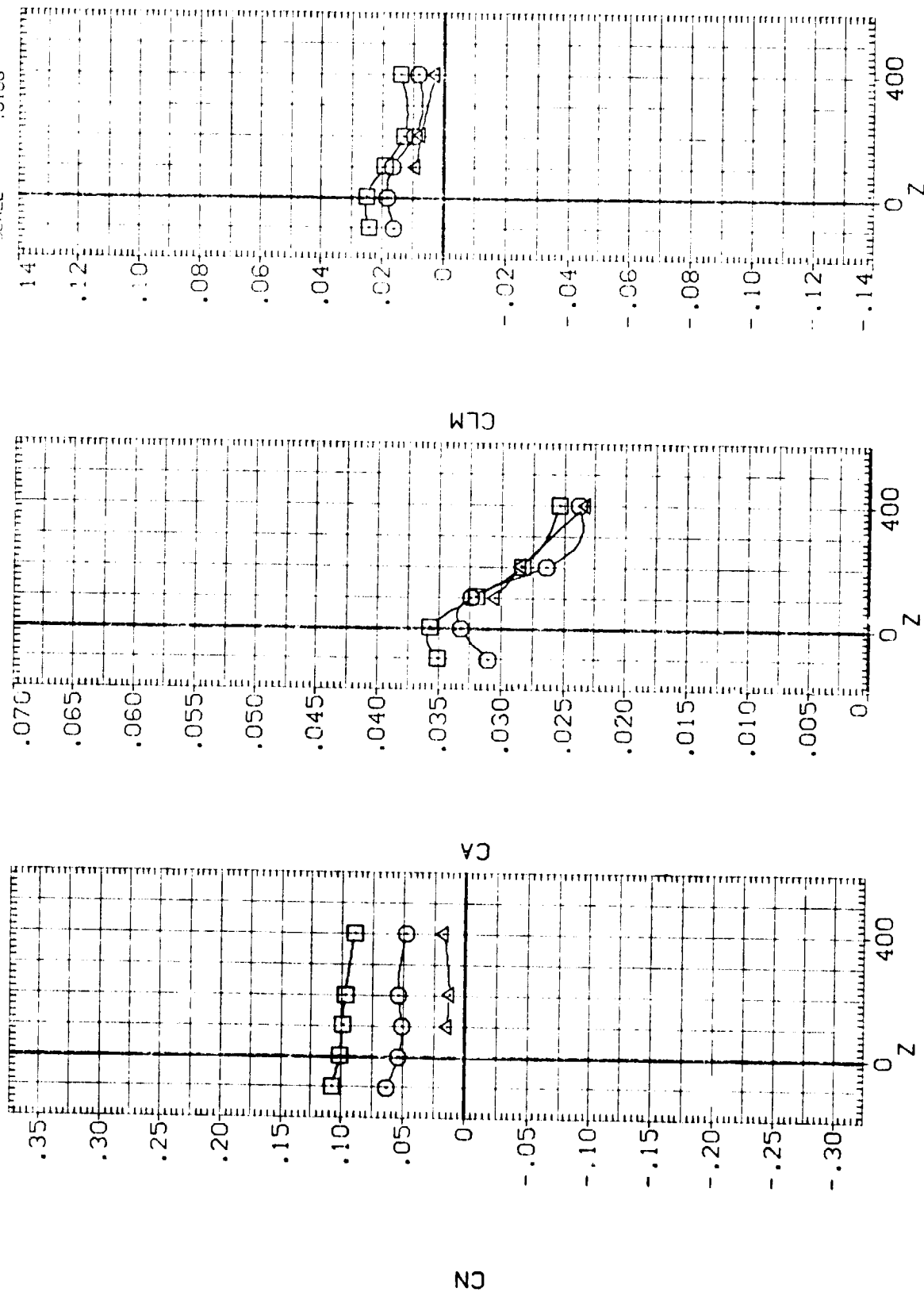


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU066)	AEDC/VA528(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU067)	AEDC/VA528(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU070)	AEDC/VA528(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP .0000 IN. YS
							SCALE 400.0000 IN. ZS

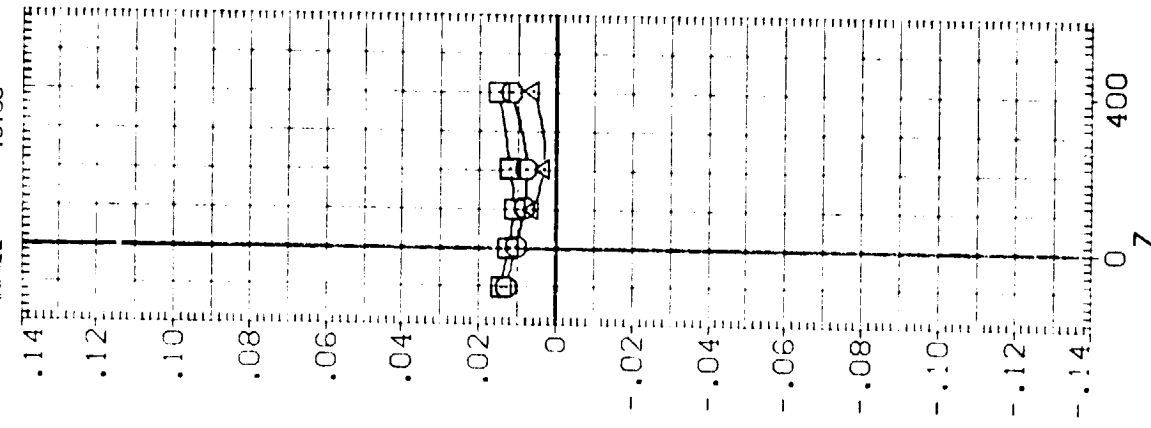
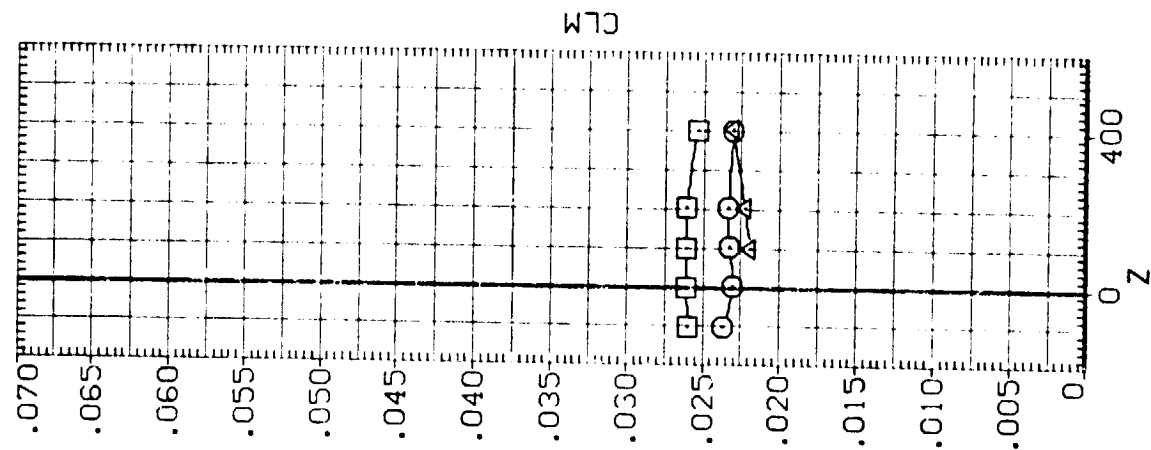
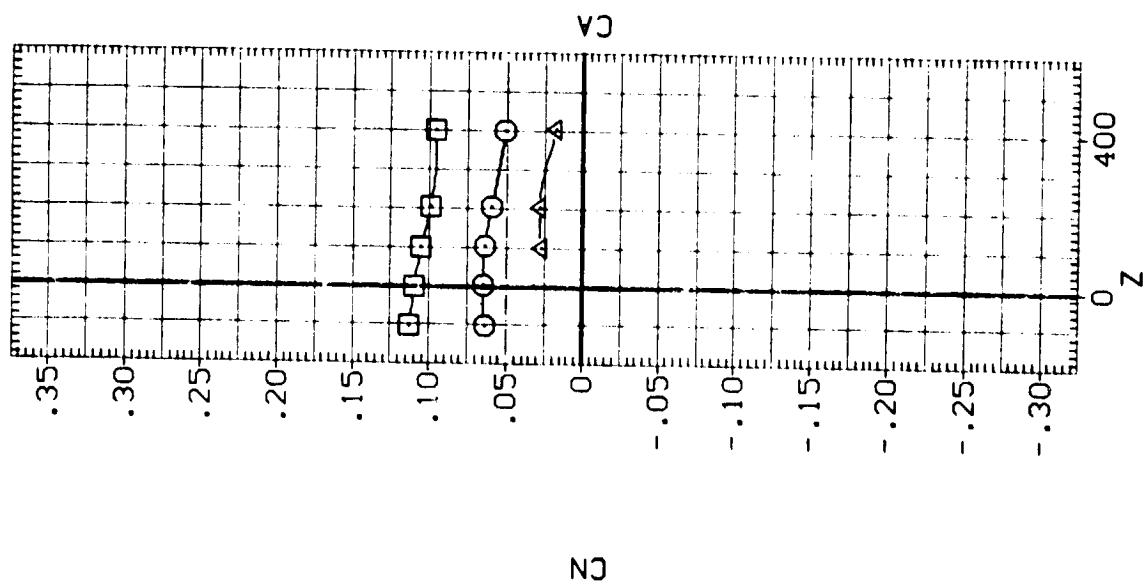


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(D)Y =400.00



DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(ATU066)      AEDC/VA528(1A87)-01ETISI-R/H SRB SEPAR. FROM O/ET

(ATU067)      AEDC/VA528(1A87)-01ETISI-R/H SRB SEPAR. FROM C/ET

(ATU070)      AEDC/VA528(1A87)-01ETISI-R/H SRB SEPAR. FROM O/ET

MACH      REFERENCE INFORMATION

4.520      SREF      2690.0000      SQ.FT.

4.520      LREF      1290.3000      INCHES

4.520      SREF      1290.3000      INCHES

4.520      VMRP      1258.5000      IN. XS

4.520      VMRP      .0000      IN. YS

4.520      ZMRP      400.0000      IN. ZS

4.520      SCALE      .0100

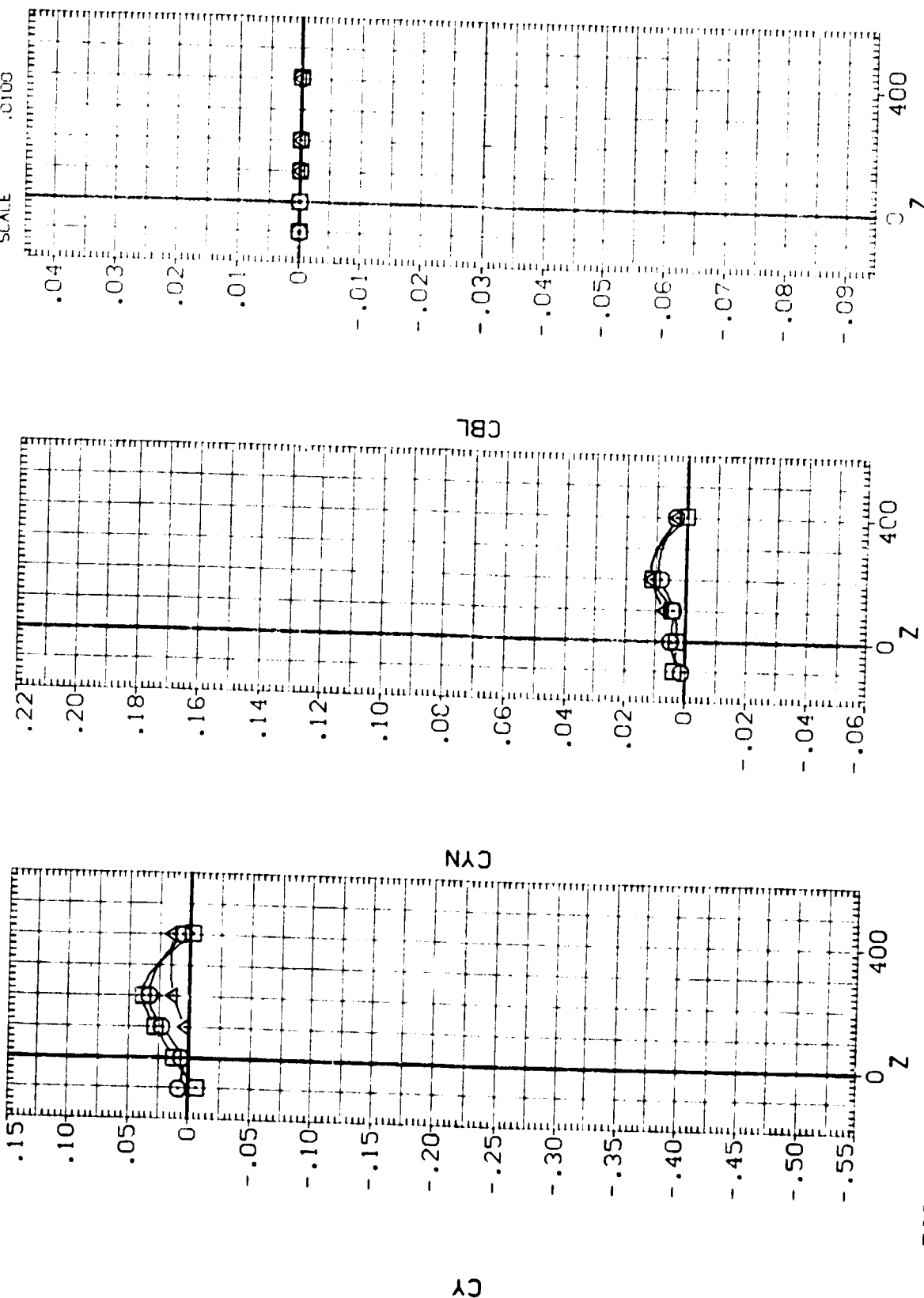
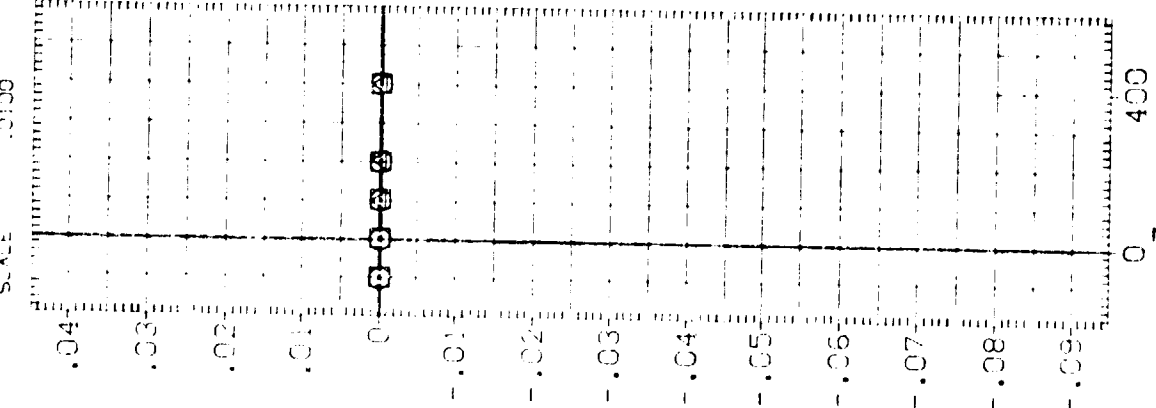


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(B)Y = 100.00

DERMATION  
SO.  
INC.

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(ATU066)	AEDC/VAS28 (A87)	-G1ET1S1-R/F
(ATU067)	AEDC/VAS28 (A87)	-G1ET1S1-R/F
(ATU070)	AEDC/VAS28 (A87)	-G1ET1S1-R/F



78



CONFIGURATION	DESCRIPTION
AEDC/VA528(1A87)-01ETIS1-R/H	
AEDC/VA528(1A87)-01ETIS1-R/H	
AEDC/VA528(1A87)-01ETIS1-R/H	

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
-5,000  
5,000  
-5,000

DBETA

X 300.000

MACH  
4.520  
4.520

REFERENCE INFORMATION	
SREF	2690.0000 SQ.FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1258.5000 IN. XS
YMRP	.0000 IN. YS
ZMRP	400.0000 IN. ZS
SCALE	.0100

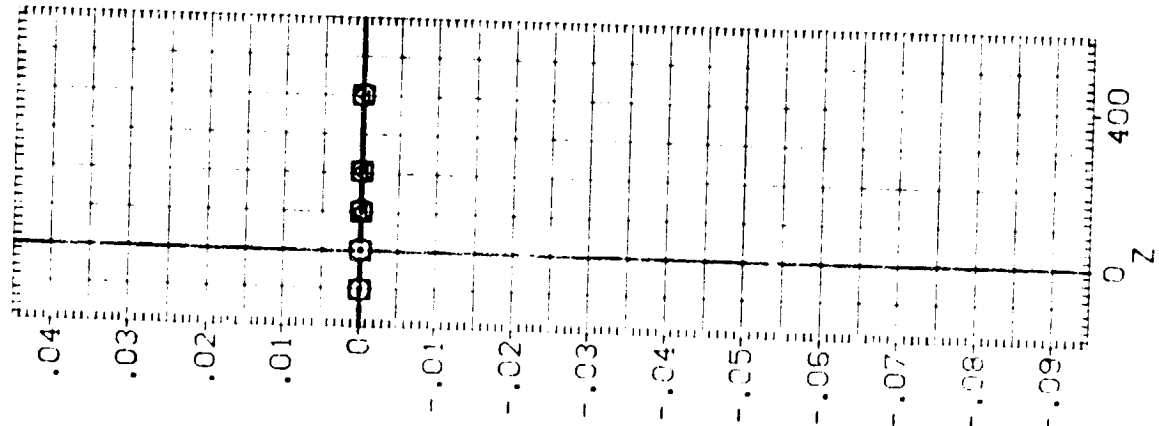
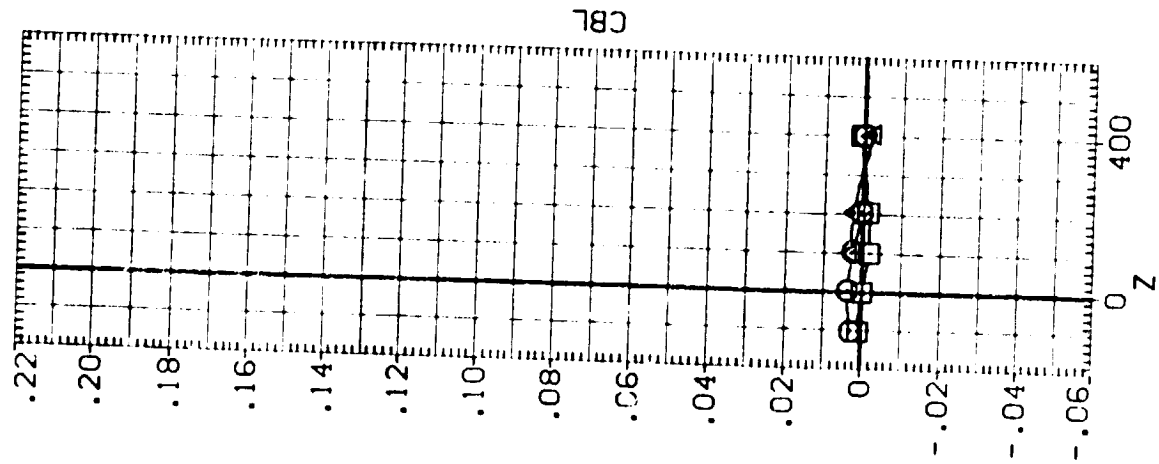
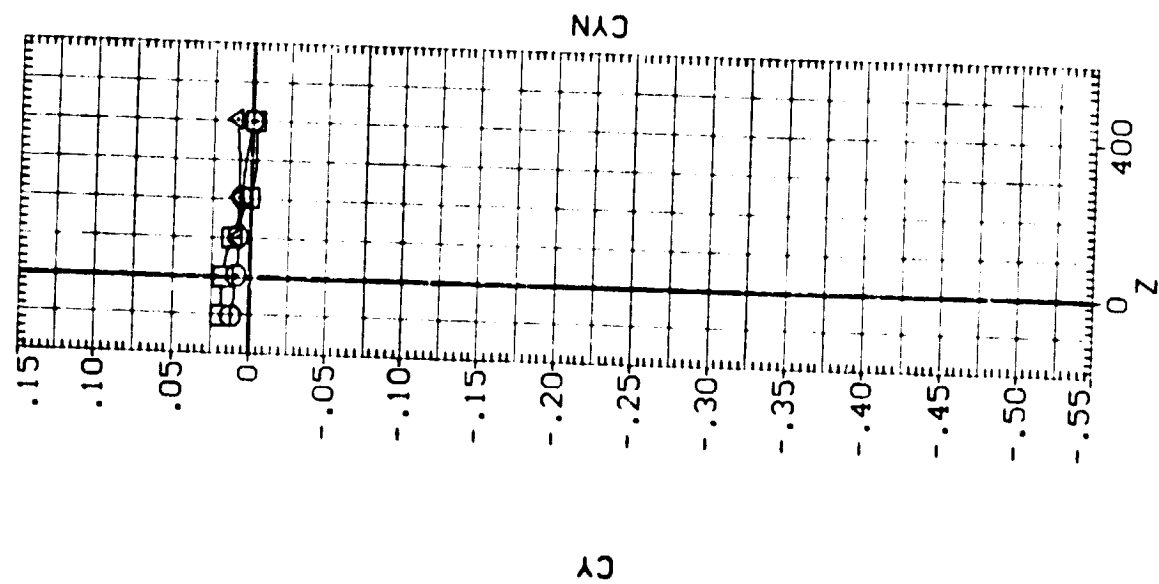


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)  
(D)Y =400.00



DATA SET SYMBOL		CONFIGURATION DESCRIPTION		SEPARATION FROM O/E		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(ATU071)	□	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB	SEPAR. FROM O/E	.000	.000	.000	.000	.000	.000	.000	4.520	SREF	2690.0000	SO.FT.
(ATU074)	○	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB	SEPAR. FROM O/E	.000	.000	.000	.000	.000	.000	.000	4.520	LREF	1290.3000	INCHES
(ATU075)	△	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB	SEPAR. FROM O/E	.000	.000	.000	.000	.000	.000	.000	4.520	BREF	1290.3000	INCHES
													YMRP	258.5000	IN. XS
													ZMRP	400.0000	IN. YS
													SCALE	400.0000	IN. ZS

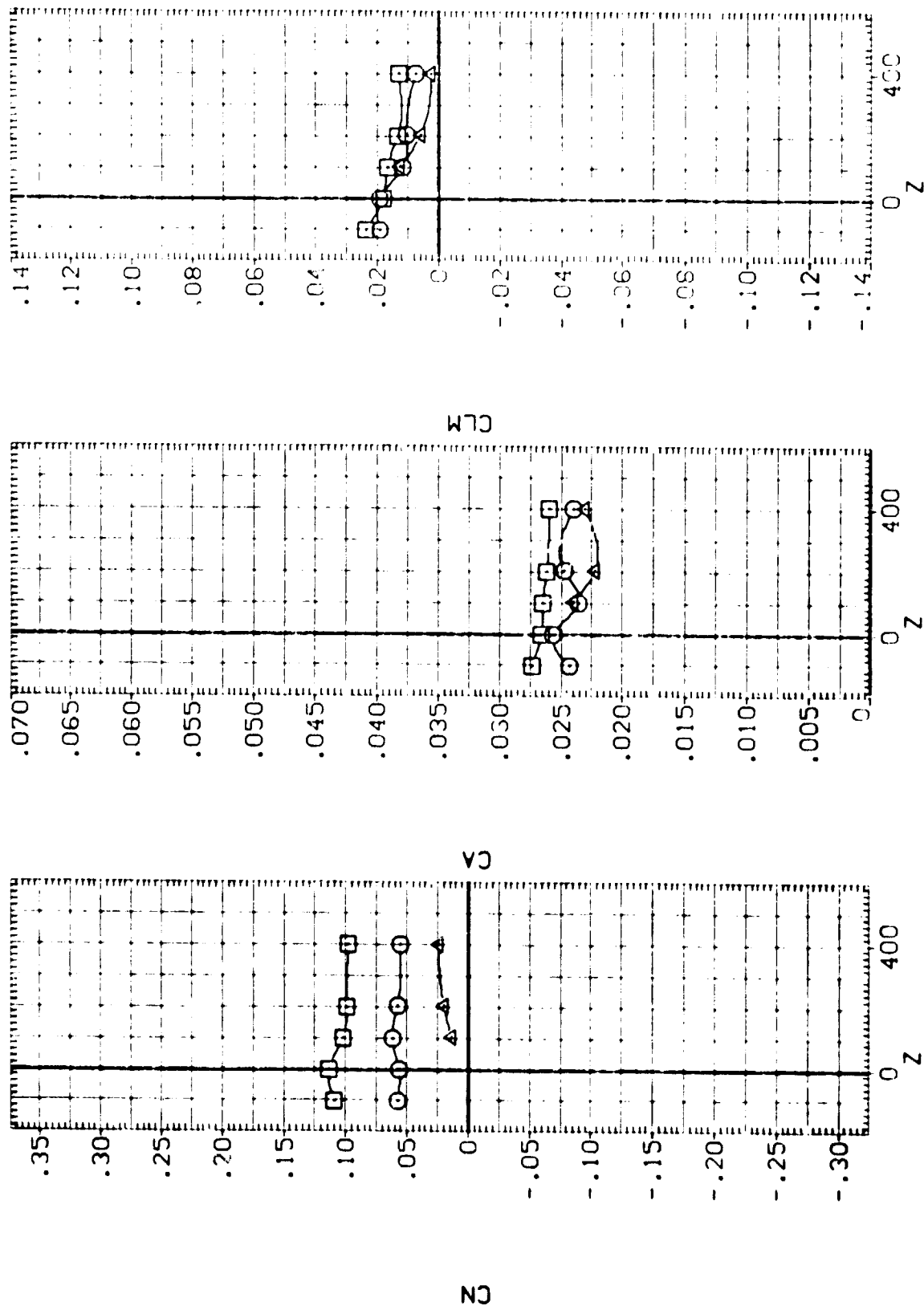


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(C)Y =200.00



DATA SET SYMBOL  
(ATU071)  
(ATU074)  
(ATU075)

CONFIGURATION DESCRIPTION  
AEDC/VA528(1A87)-01ET1S1-R/H  
AEDC/VA528(1A87)-01ET1S1-R/H  
AEDC/VA528(1A87)-01ET1S1-R/H

SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET

DALPHA  
0.000  
5.000  
5.000

DBETA  
-4.000  
-4.000  
-4.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SQ.FT.  
INCHES  
IN. XS  
IN. YS  
IN. ZS

2690.0000  
1290.3000  
1290.3000  
1298.5000  
400.0000  
400.0000  
400.0000  
SCALE .0100

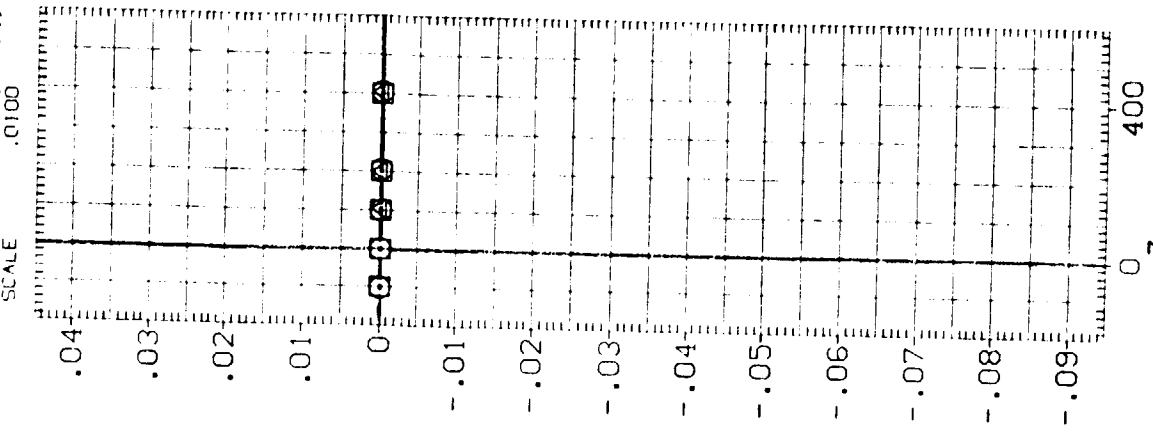
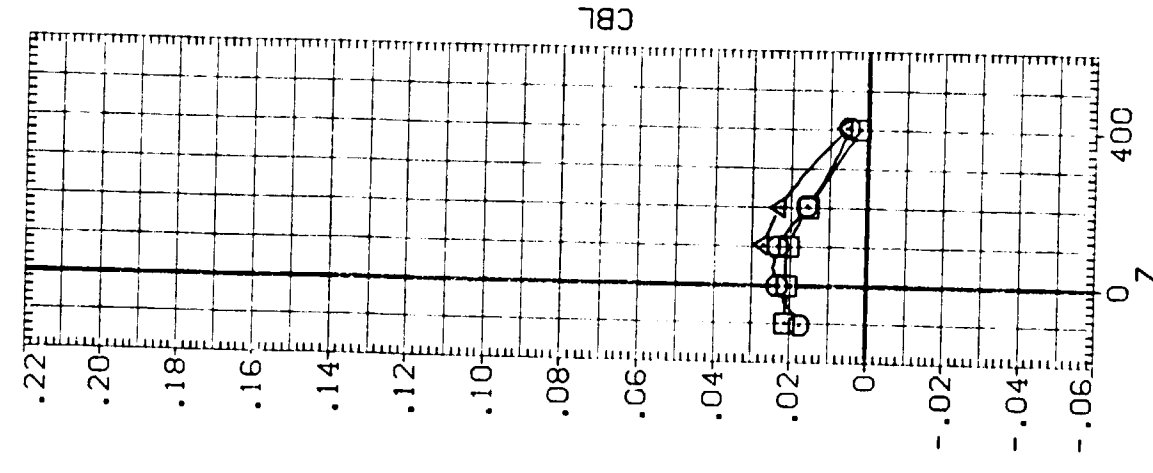
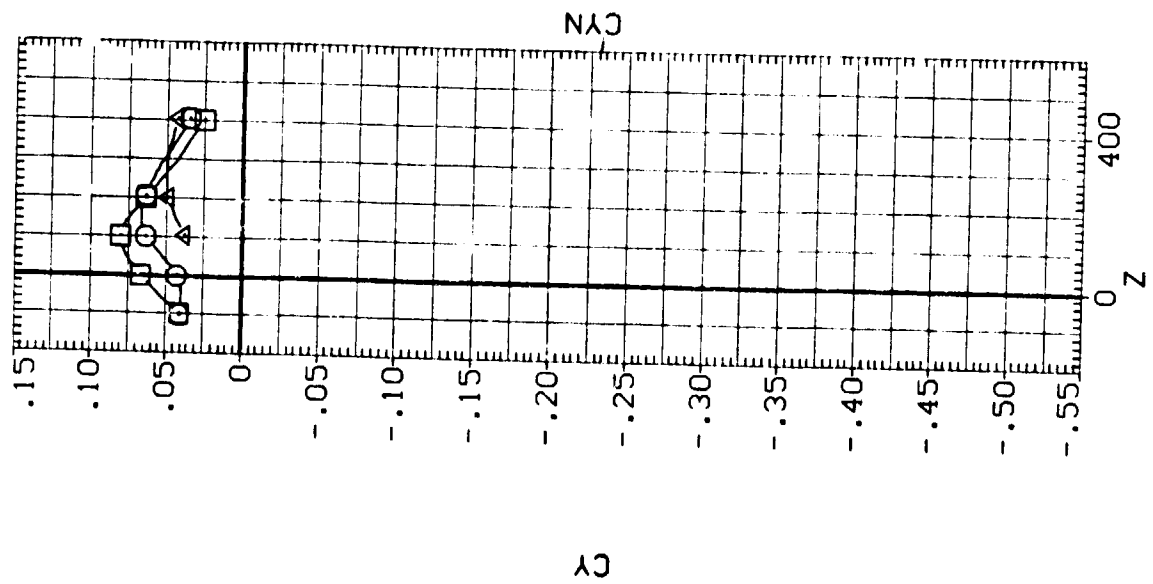


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=10.3 BETA=0)  
(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFO	ION
(ATU071)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	SRB SEPAR. FROM O/E/T	.000	-4.000	.000	4.520	SRF 2690.0000	SQ.FT.
(ATU074)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	SRB SEPAR. FROM O/E/T	.000	-4.000	.000	4.520	SRF 1290.3000	INCHES
(ATU075)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	SRB SEPAR. FROM O/E/T	-5.000	-4.000	.000	4.520	SRF 1290.3000	INCHES
								YMRP 1258.5000	IN. YS
								ZMRP 400.0000	IN. ZS
								SCALE .0100	

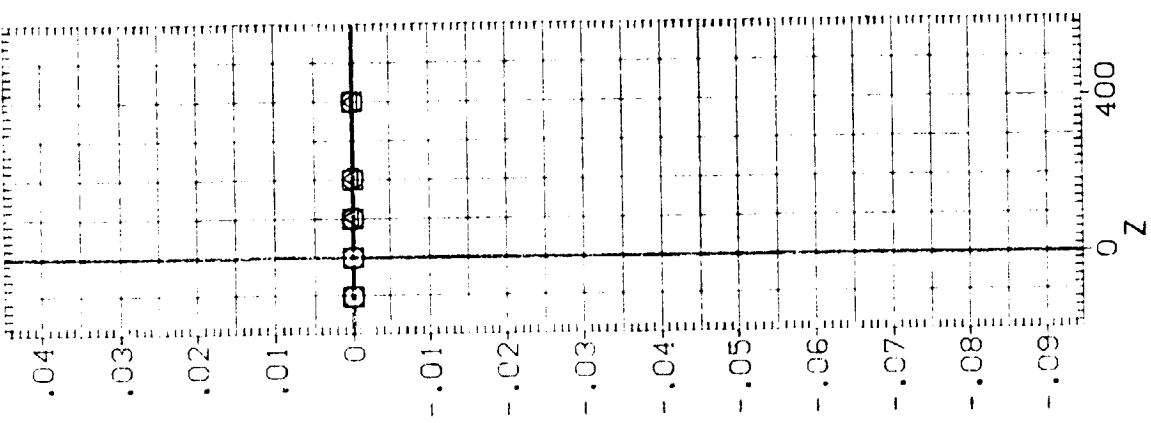
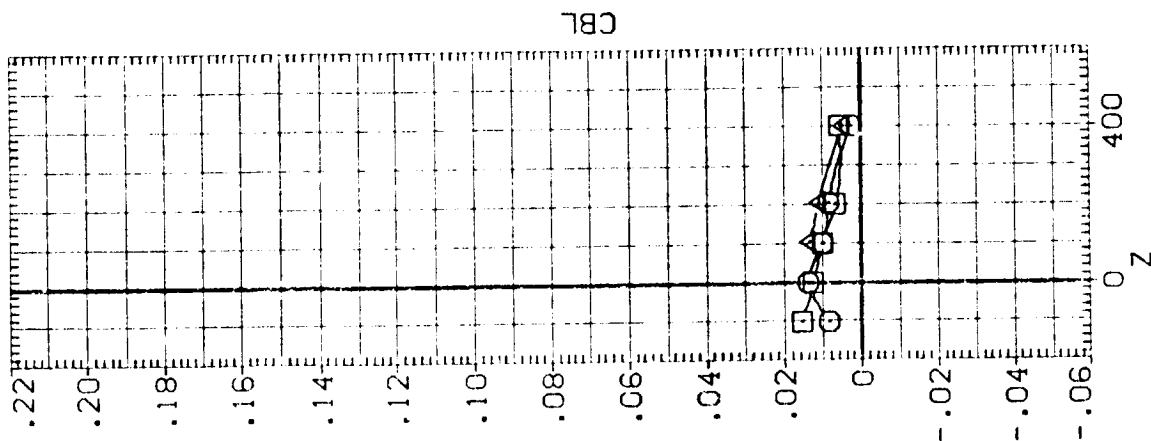
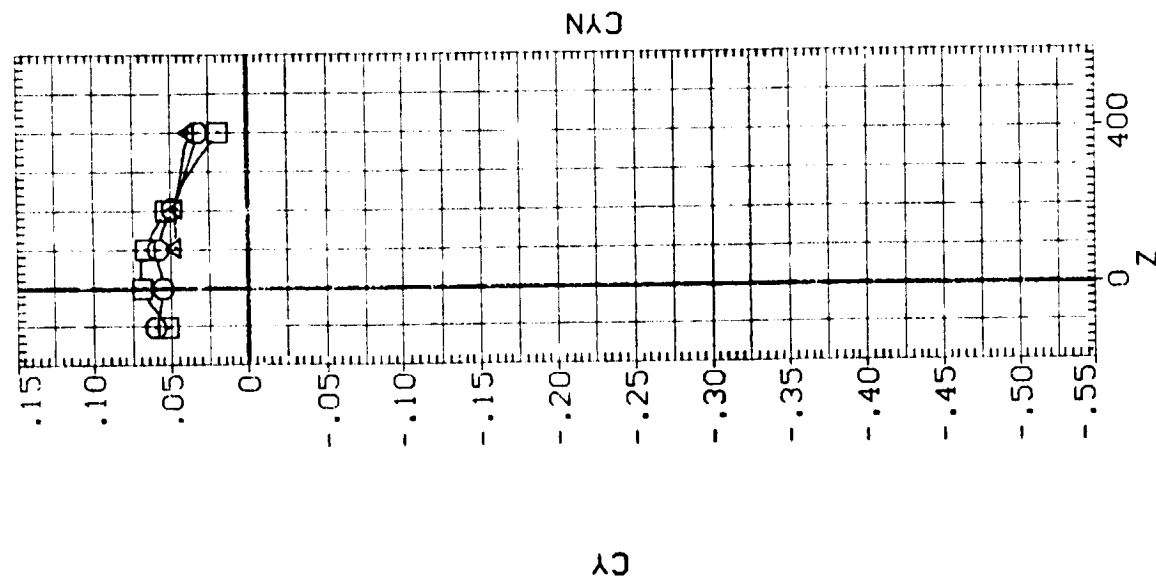


FIG.6 RIGHT SRB AERO CHARACTER SEPARATING FROM O/E/T (ALPHA=10.3 BETA=0)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM R/H	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU071)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM R/H	.000	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU074)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM R/H	.000	-4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU075)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM R/H	-5.000	-4.000	.000	4.520	BREF 1290.3000 INCHES
							YMRP .0000 IN. YS
							ZMRP .0000 IN. ZS
							SCALE .0100

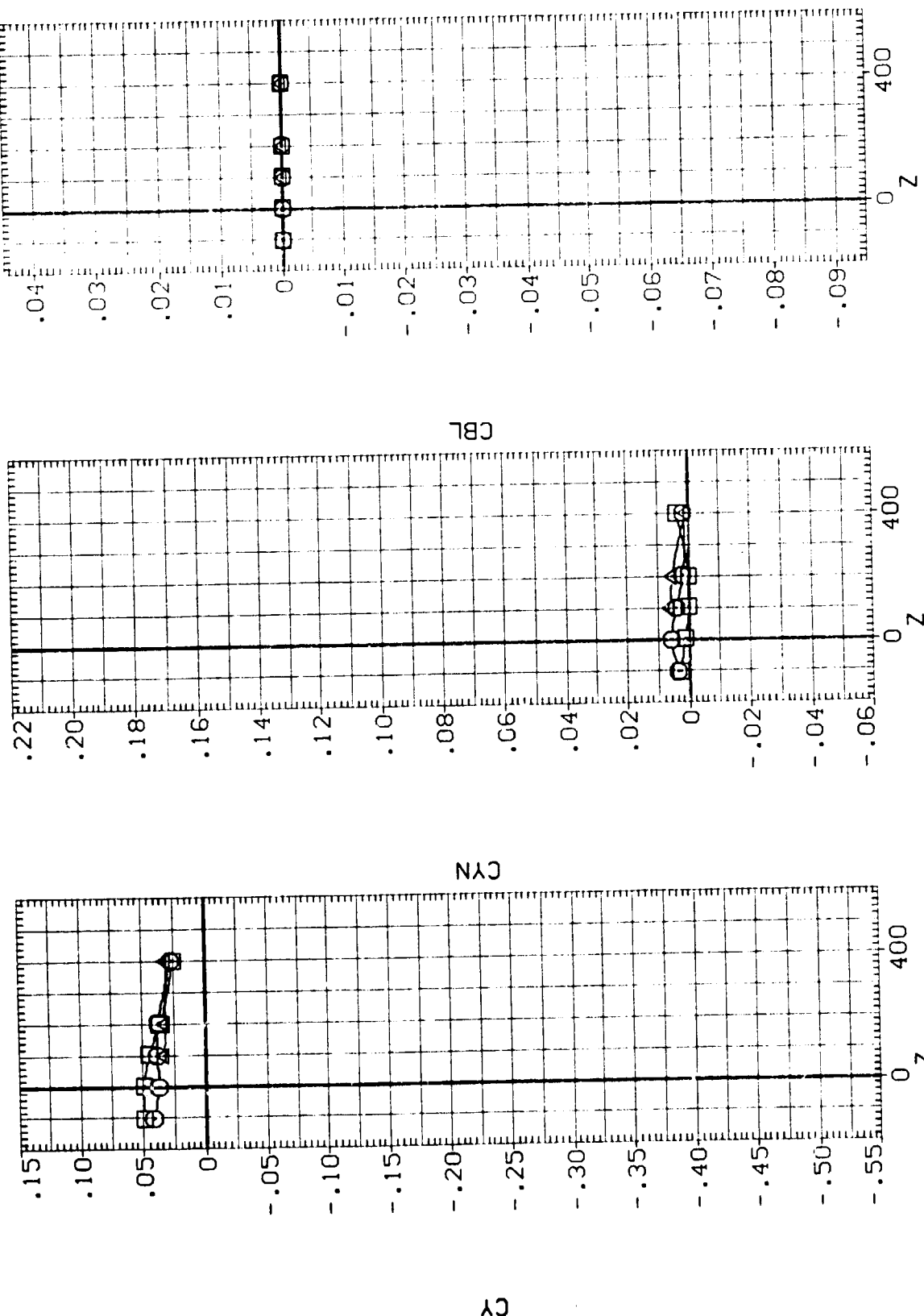


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DBETA	X	MACH	REFERENCE INFORMATION
(ATU072)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU073)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.000	300.000	4.520	LRFC 1290.3000 INCHES
(ATU076)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	300.000	4.520	BRFC 1290.3000 INCHES
						YMRP 1258.5000 IN. XS
						ZMRP 400.0000 IN. YS
						SCALE .0100

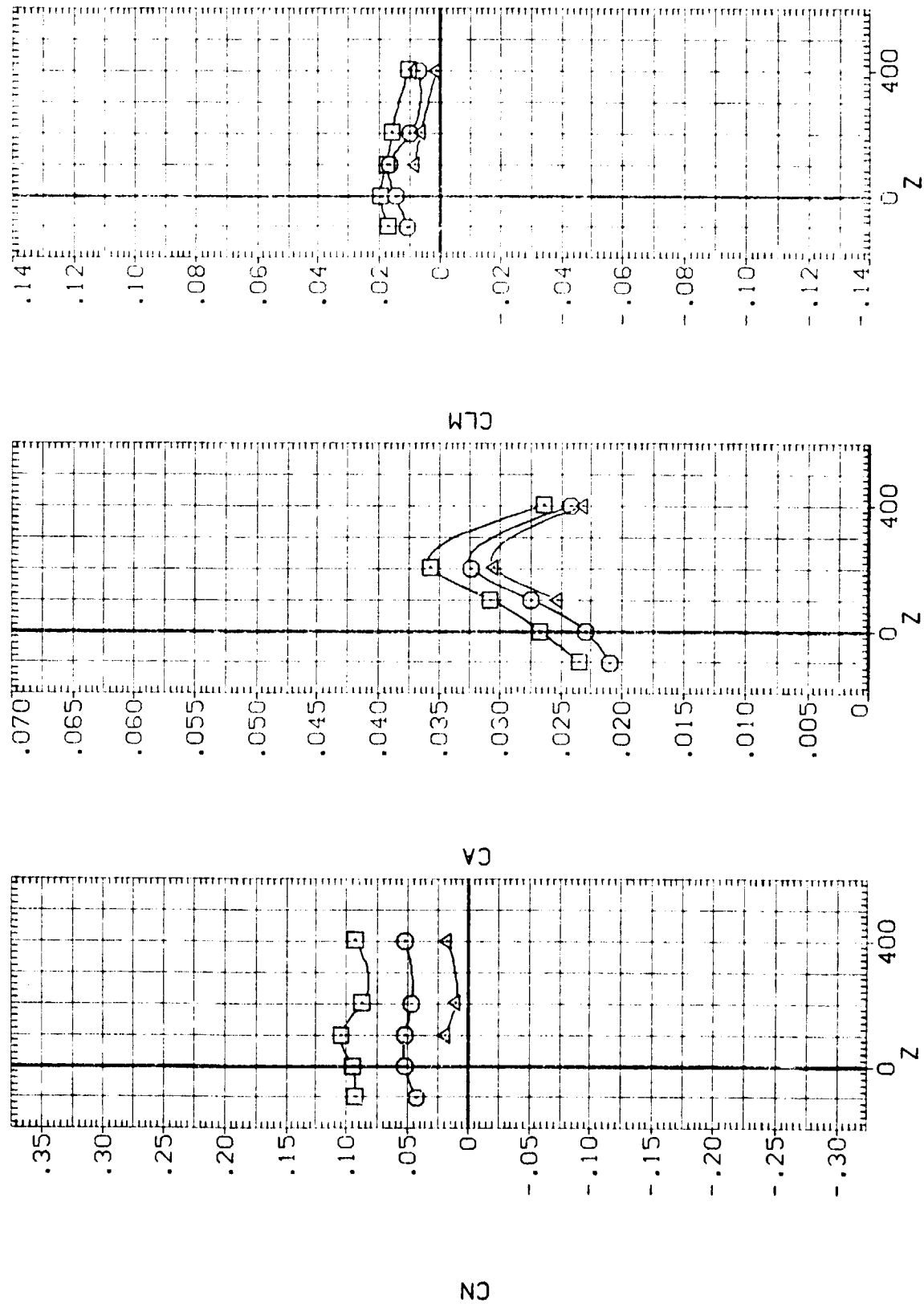


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(B)Y =100.00



# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU072) AEDC/VA528(IAB7)-01ET1S1-R/H SRB SEPAR.FROM 0/ET  
 (ATU073) AEDC/VA528(IAB7)-01ET1S1-R/H SRB SEPAR.FROM 0/ET  
 (ATU076) AEDC/VA528(IAB7)-01ET1S1-R/H SRB SEPAR.FROM 0/ET



DALPHA DBETA X  
 4.520 300.000  
 4.520 300.000  
 4.520 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1290.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

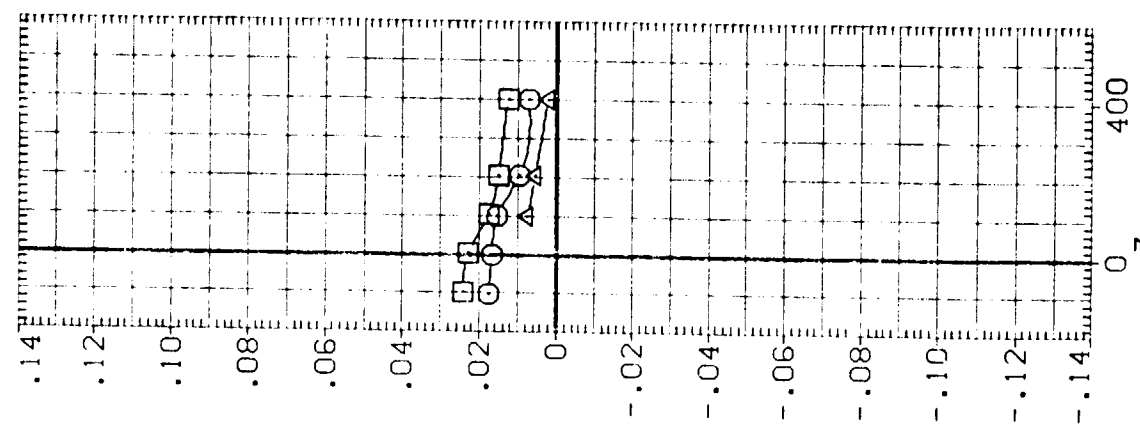
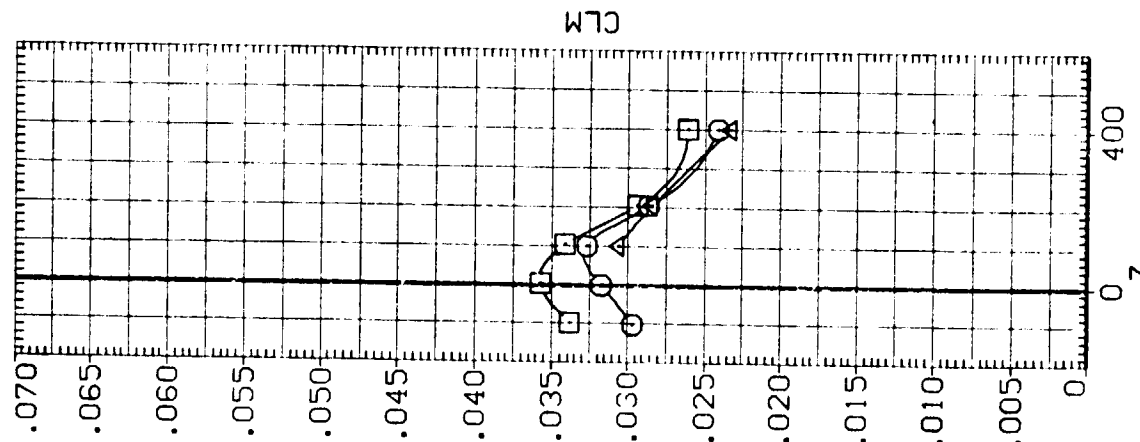
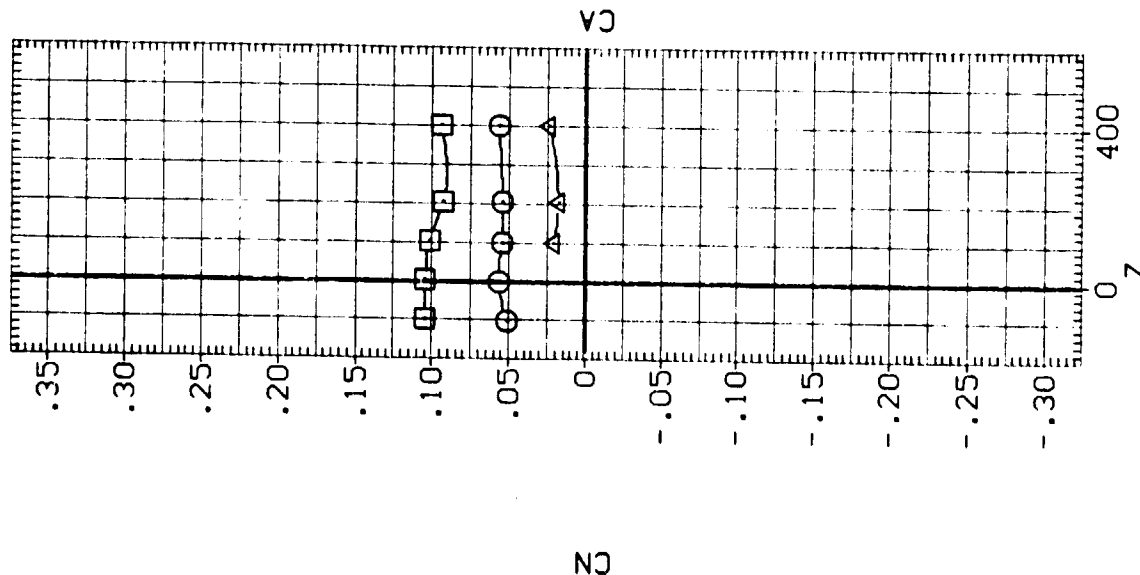


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=10.3 BETA=0)

(C)Y =200.00

DATA SET SYMBOL: (ATU072) (ATU073) (ATU076)

CONFIGURATION DESCRIPTION: AEDC/VAS28(IAB7)-OJETIS(-R/H) AEDC/VAS28(IAB7)-OJETIS(-R/H) AEDC/VAS28(IAB7)-OJETIS(-R/H)

SRB SEPAR. FROM O/ET SRB SEPAR. FROM O/ET SRB SEPAR. FROM O/ET

DALPHA DBETA X MACH REFERENCE INFORMATION

0.000 -4.000 300.000 4.520 2650.0000 SQ.FT.

5.000 -4.000 300.000 4.520 1250.3000 INCHES

-5.000 -4.000 300.000 4.520 1250.3000 INCHES

YMRP YMRP YMRP

0.000 400.0000 IN. YS

SCALE 0.0100 IN. ZS

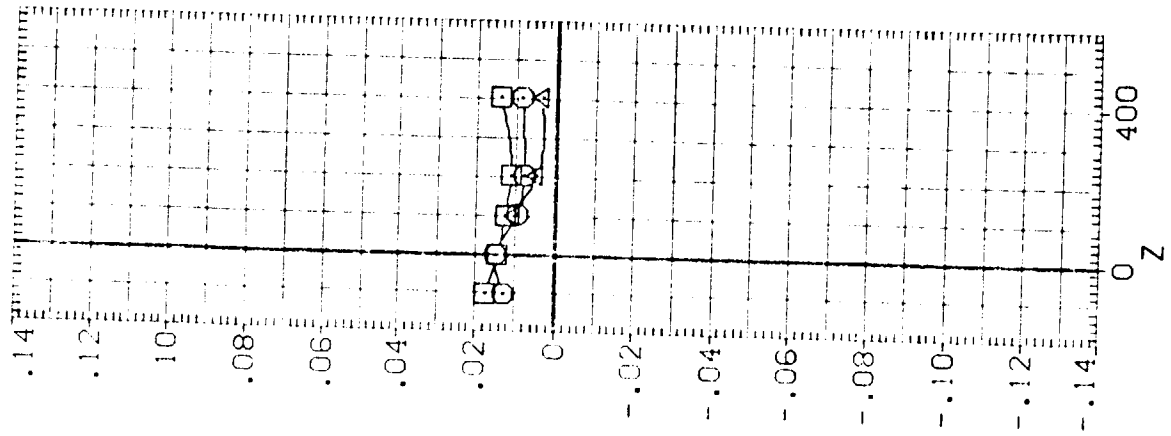
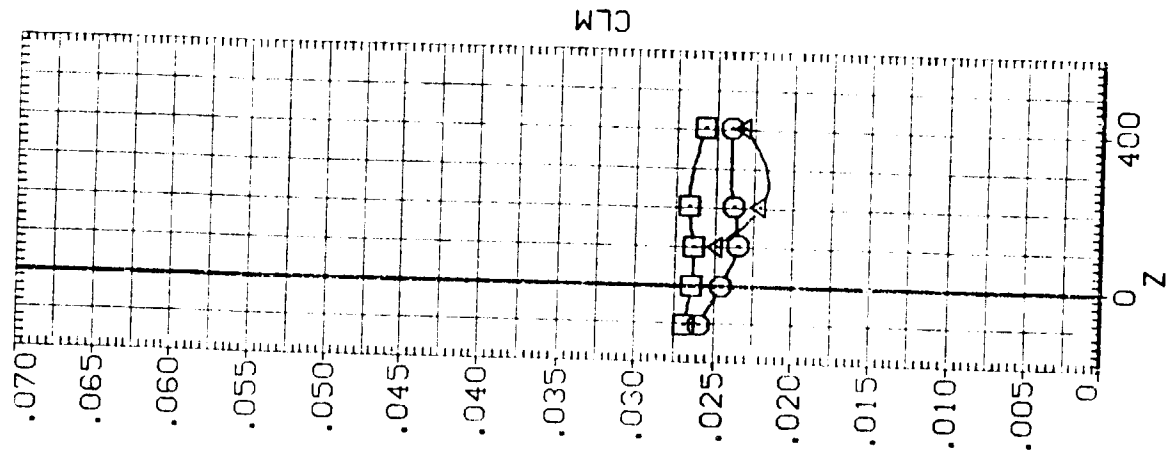
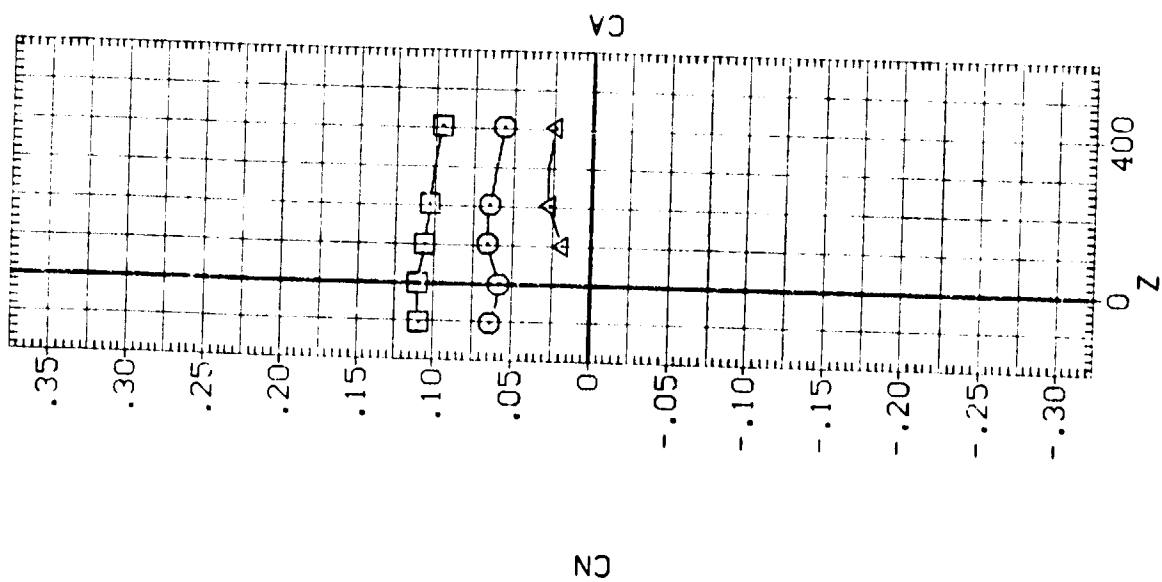


FIG.6 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(D) Y = 400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU072)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM 0/ET	.000	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU073)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM 0/ET	.000	-4.000	300.000	4.520	REF 1290.3000 INCHES
(ATU076)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM 0/ET	-5.000	-4.000	300.000	4.520	SRF 1290.3000 INCHES
							AMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

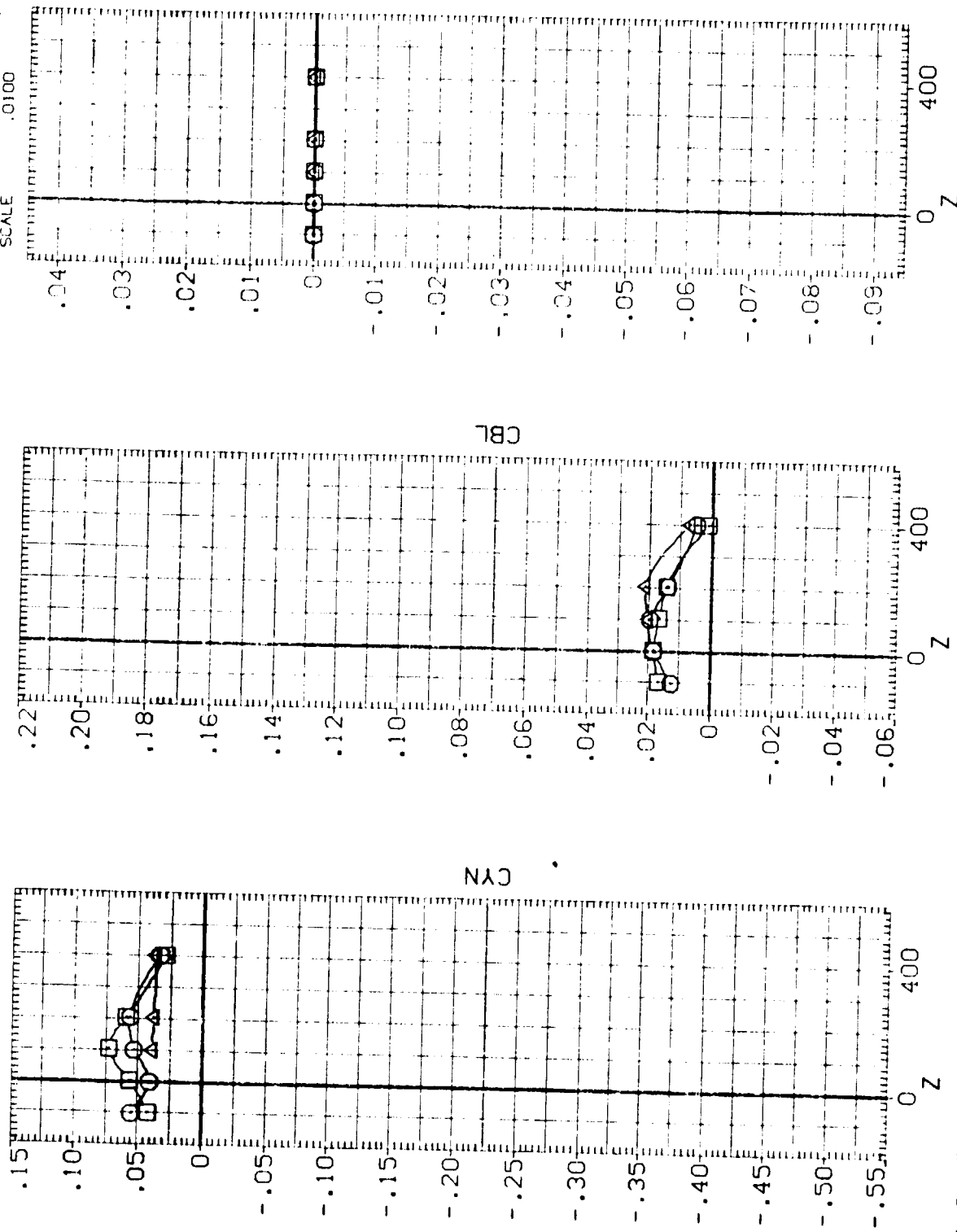


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=10.3 BETA=0)

(C)Y =200.00



DATA SET SYMBOL		CONFIGURATION DESCRIPTION		SRB SEPAR. FROM O/ET		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(ATU077)		AEDC/VA528(1A87)-01ETISI-R/H		SRB SEPAR. FROM O/ET		.000		-8.000		.000		4.520	SREF	2690.0000	SO. FT.
(ATU080)		AEDC/VA528(1A87)-01ETISI-R/H		SRB SEPAR. FROM O/ET		5.000		-8.000		.000		4.520	LREF	1290.3000	INCHES
(ATU081)		AEDC/VA528(1A87)-01ETISI-R/H		SRB SEPAR. FROM O/ET		-5.000		-8.000		.000		4.520	BREF	1290.3000	INCHES
													XMRP	1258.5000	IN. XS
													YMRP	.0000	IN. YS
													ZMRP	400.0000	IN. ZS
													SCALE	.0100	

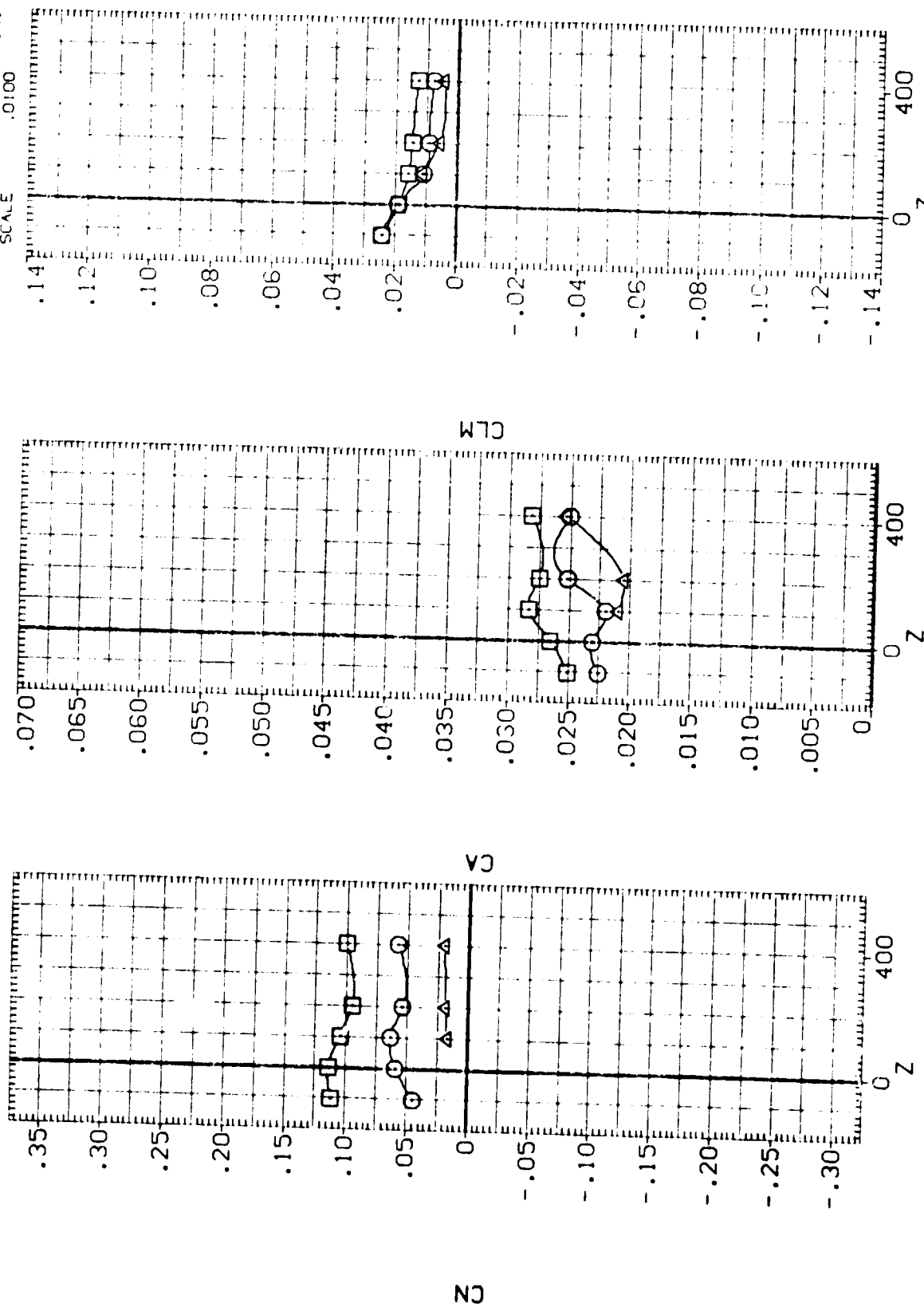


FIG.6 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=10.3 BETA=0)

(CY) = 200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU077)	AEDC/VA528(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	.000	-8.000	.000	4.520	SREF 2690.0000 50. FT.
(ATU080)	AEDC/VA528(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	.000	-8.000	.000	4.520	LREF 1290.3000 INCHES
(ATU081)	AEDC/VA528(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	-5.000	-8.000	.000	4.520	RREF 1290.3000 INCHES
							NMRP 1258.5000 IN. XS
							NMRP .0000 IN. YS
							NMRP 400.0000 IN. ZS
							SCALE .0100

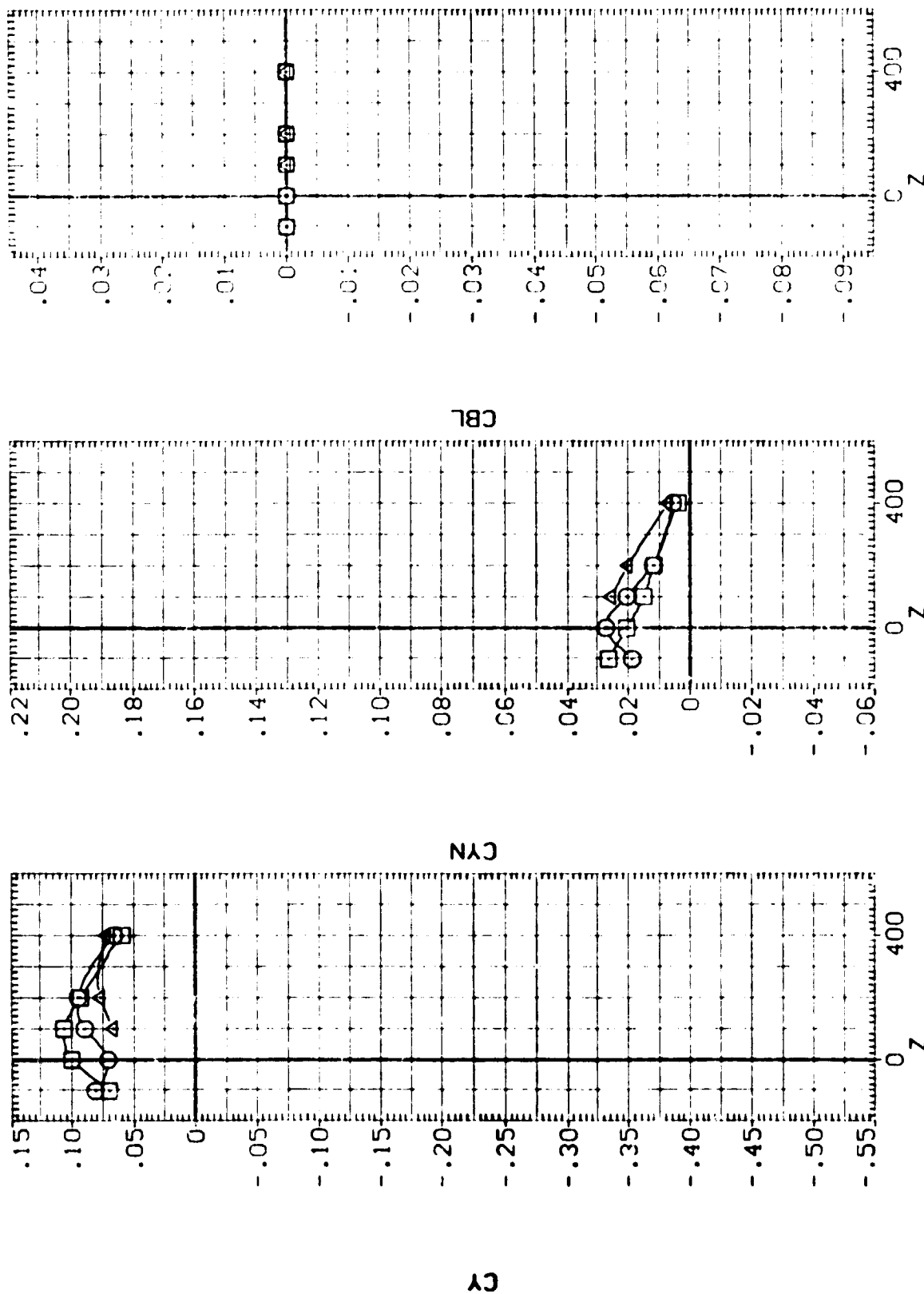


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(C)Y =200.00





DATA SET S1602 CONFIGURATION DESCRIPTION  
 (ATU078) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET  
 (ATU079) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET  
 (ATU082) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET

DALPHA DBETA X  
 .000 -8.000 300.000  
 .000 -8.000 300.000  
 -5.000 -8.000 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 1690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 NMRP 1258.5000 IN. XS  
 YMRP 3000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

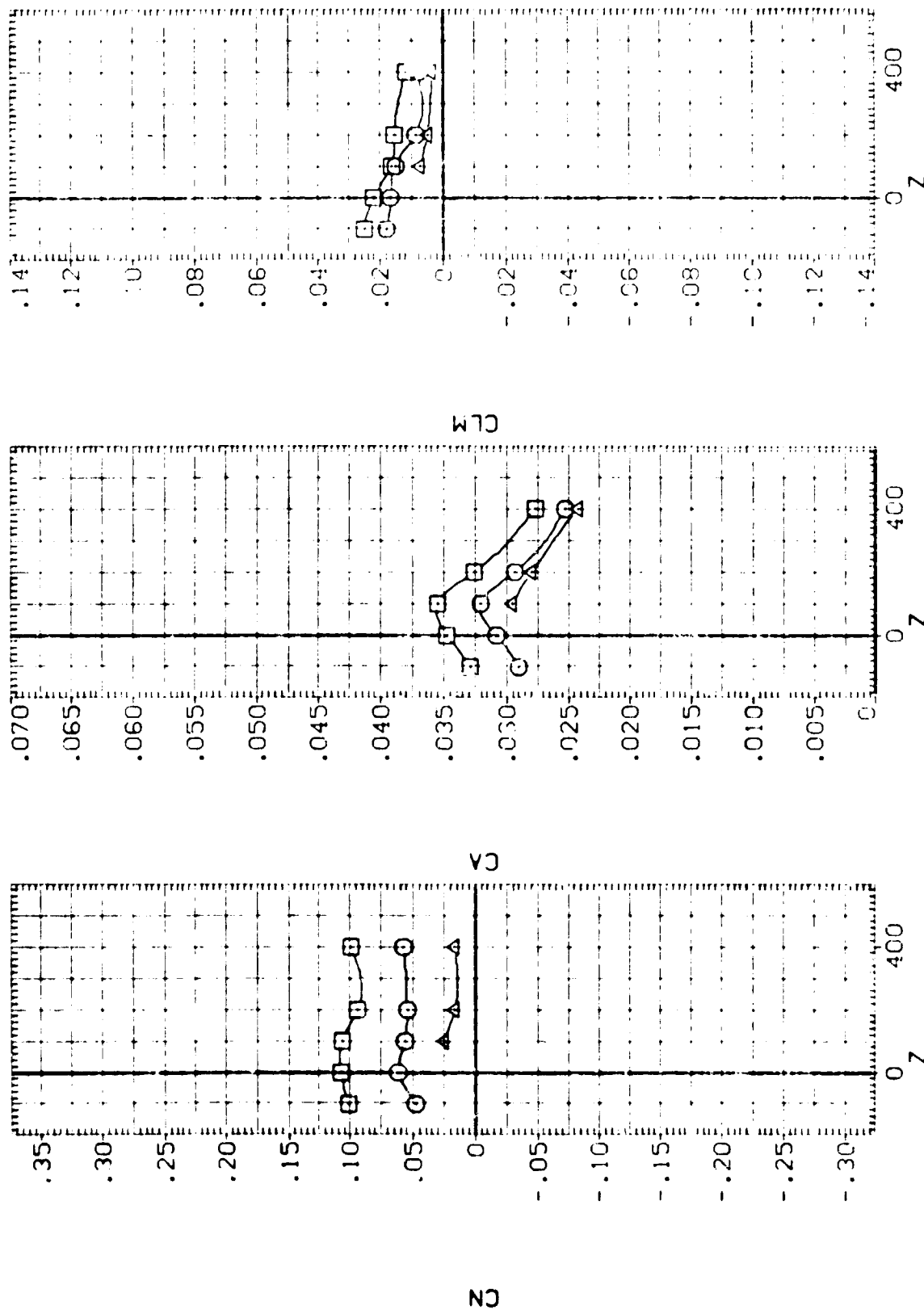


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(CY) =200.00

# DATA SET SYMBOL

(ATU078)  
(ATU079)  
(ATU082)

## CONFIGURATION DESCRIPTION

AEBC/VAS28(1A87)-01ET1S1-R/H  
AEBC/VAS28(1A87)-01ET1S1-R/H  
AEBC/VAS28(1A87)-01ET1S1-R/H

SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET

DALPHA DBETA  
.000 -8.000  
5.000 -8.000  
-5.000 -8.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

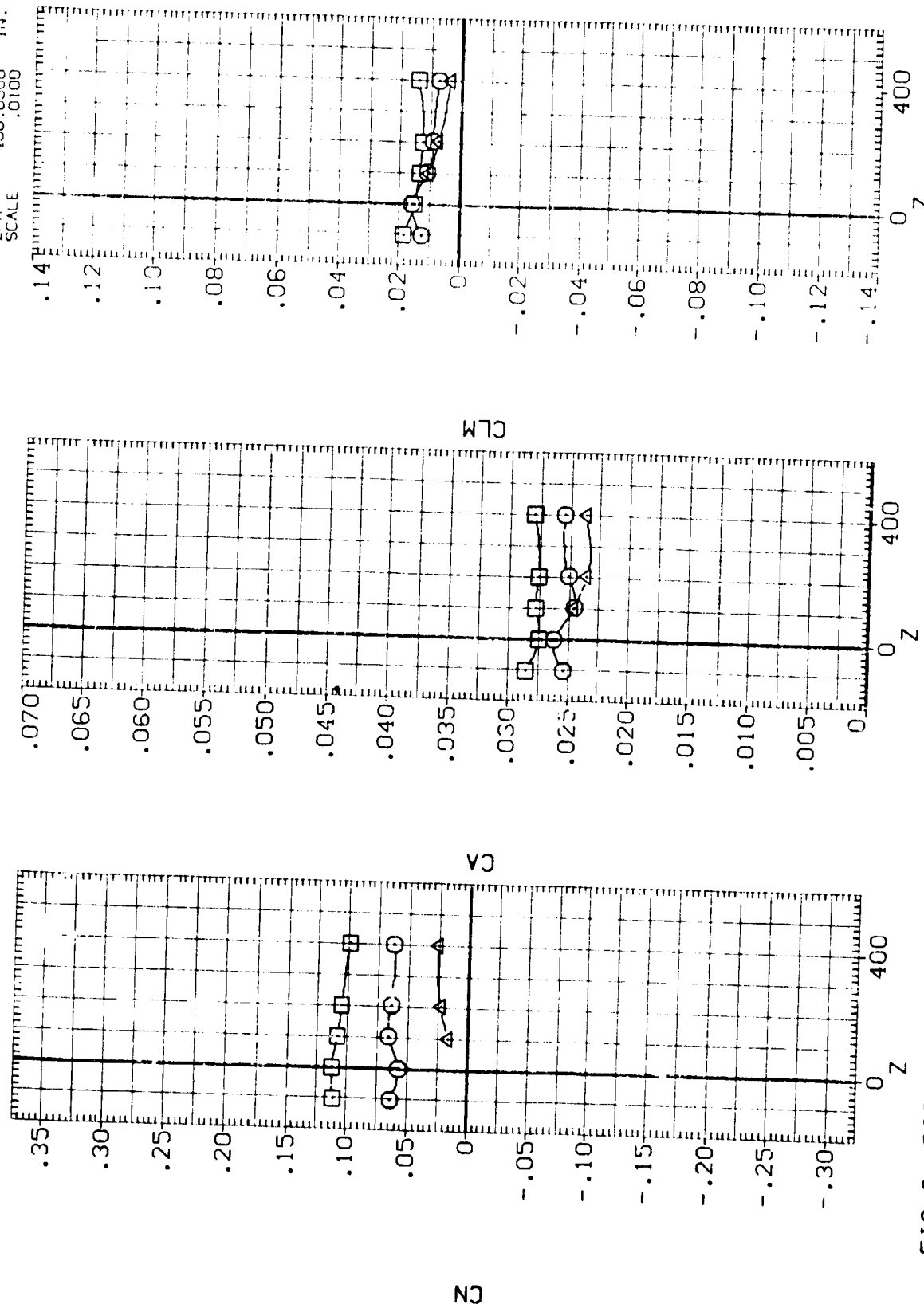


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=10.3 BETA=0)  
(D)Y =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU078)  
(ATU079)  
(ATU082)



AEDC/VA528(1A87)-01ETIS1-R/H SRB  
AEDC/VA528(1A87)-01ETIS1-R/H SRB  
AEDC/VA528(1A87)-01ETIS1-R/H SRB

SEPAR. FROM 0/ET  
SEPAR. FROM 0/ET  
SEPAR. FROM 0/ET

DALPHA  
.000  
5.000  
-5.000

DBETA  
-8.000  
-8.000  
-8.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ. FT.  
LREF 1290.3000 INCHES  
SREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

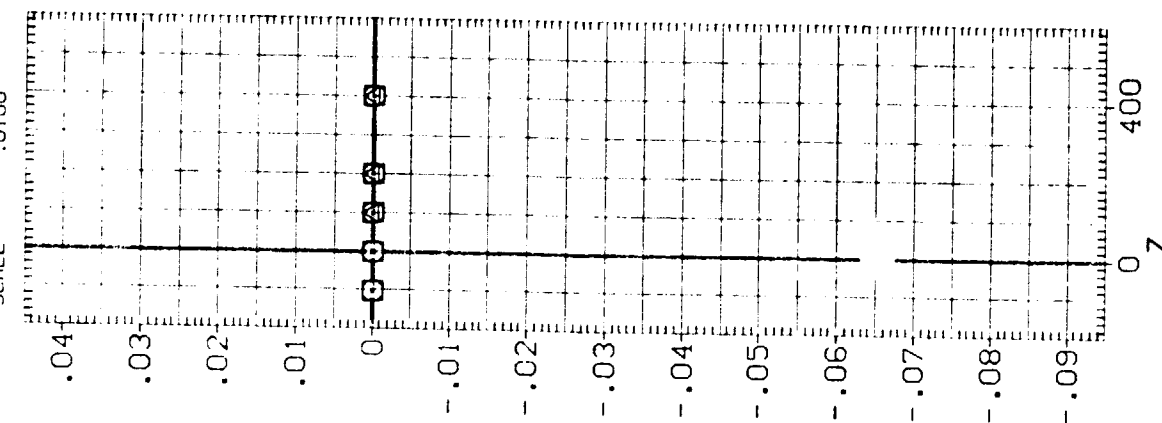
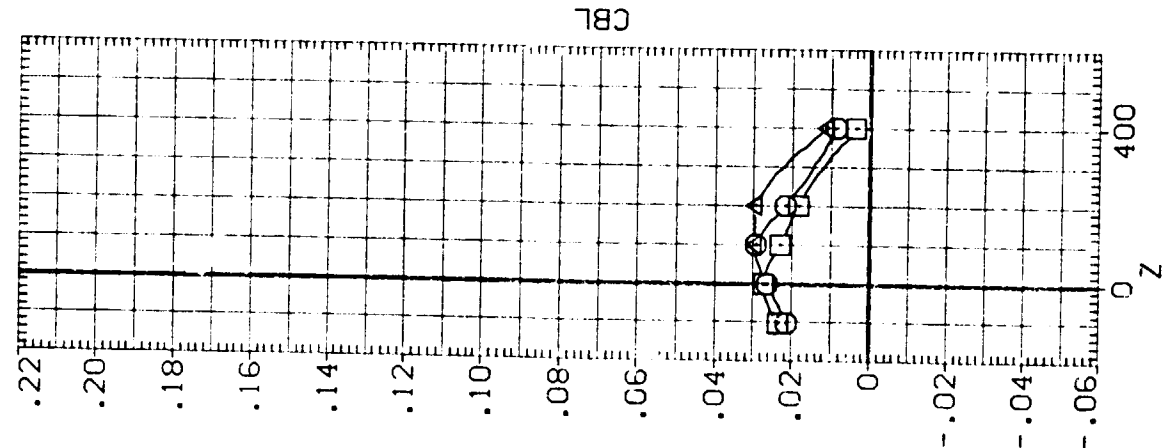
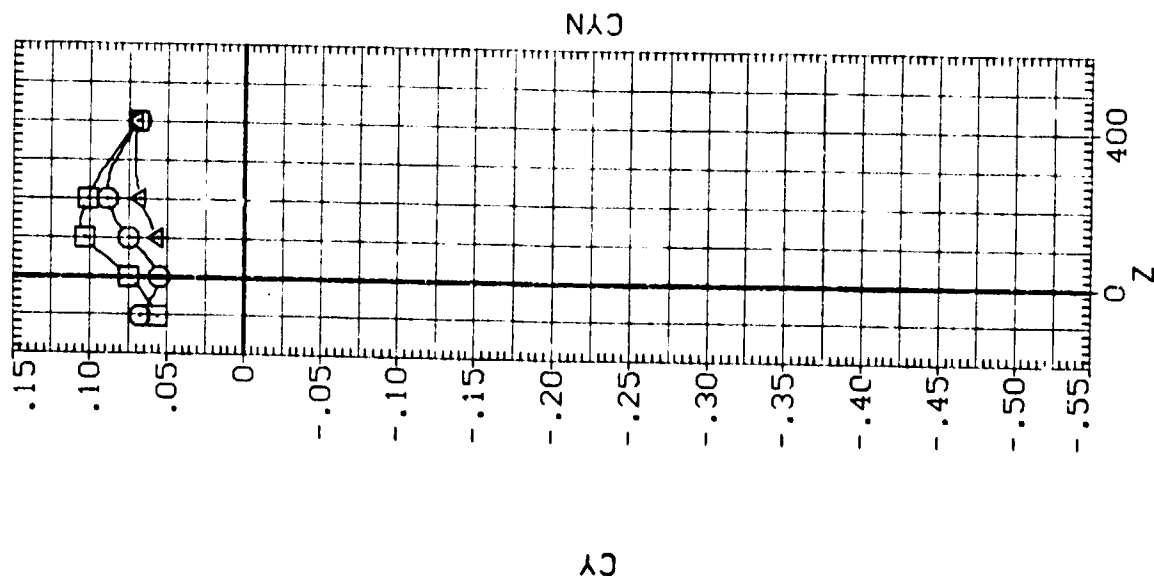


FIG.6 RIGHT SRB AERO CHARACTERISTICS FROM 0/ET (ALPHA=10.3 BETA=0)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU078)	AEDC/VA528(1A87)-01ETIS1-R/H	.000	-8.000	300.000	4.520	SREF 2630.0000 SO.FT.
(ATU079)	AEDC/VA528(1A87)-01ETIS1-R/H	.000	-8.000	300.000	4.520	LREF 1230.3000 INCHES
(ATU082)	AEDC/VA528(1A87)-01ETIS1-R/H	-5.000	-8.000	300.000	4.520	BREF 1230.3000 INCHES
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

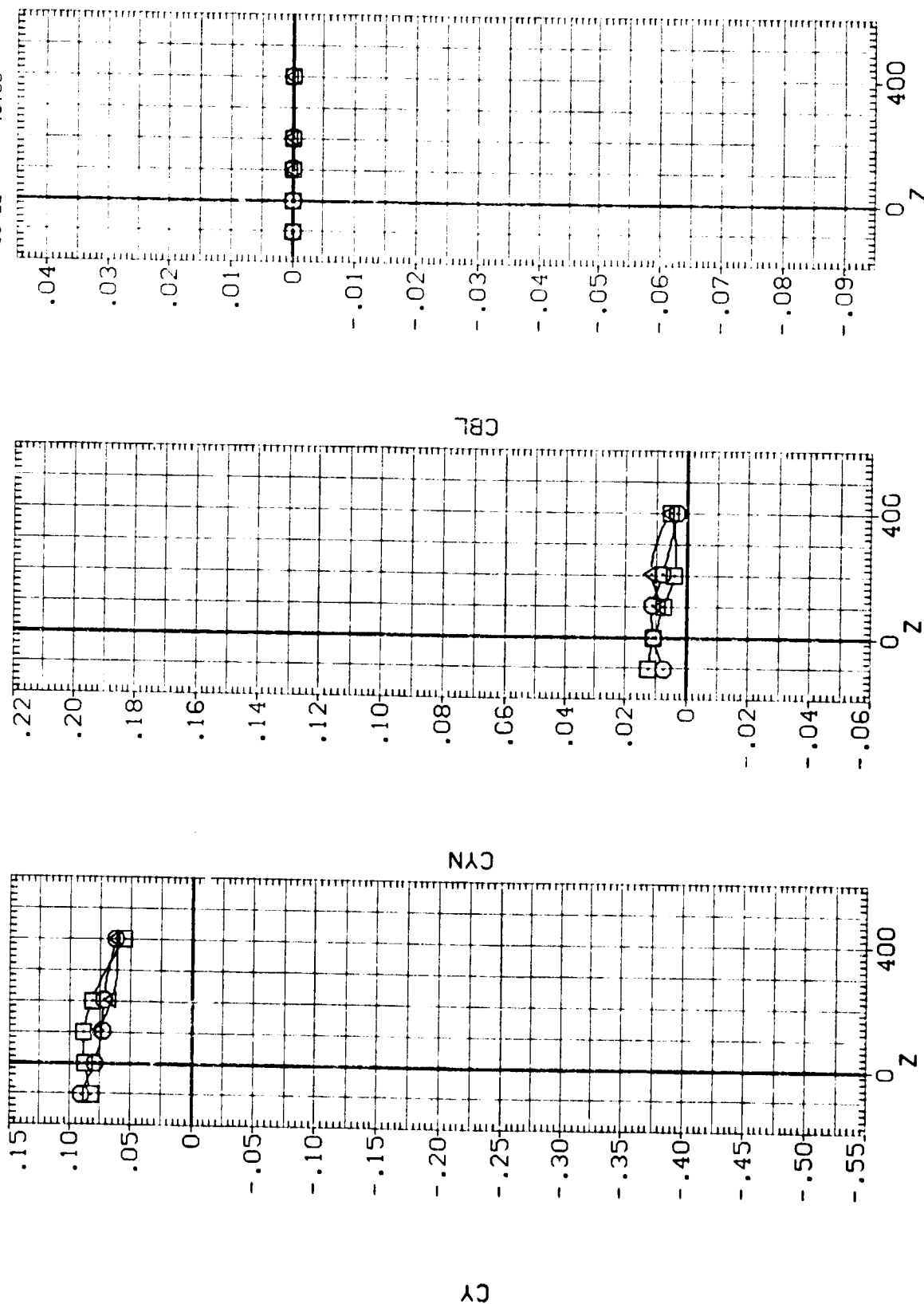


FIG.6 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.3 BETA=0)

(O)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU083)	AEDC/VAS28(1A87)-01ET1S1-R/H	.000	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU086)	AEDC/VAS28(1A87)-01ET1S1-R/H	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU087)	AEDC/VAS28(1A87)-01ET1S1-R/H	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP .0000 IN. ZS
						SCALE 400.0000
						.0100

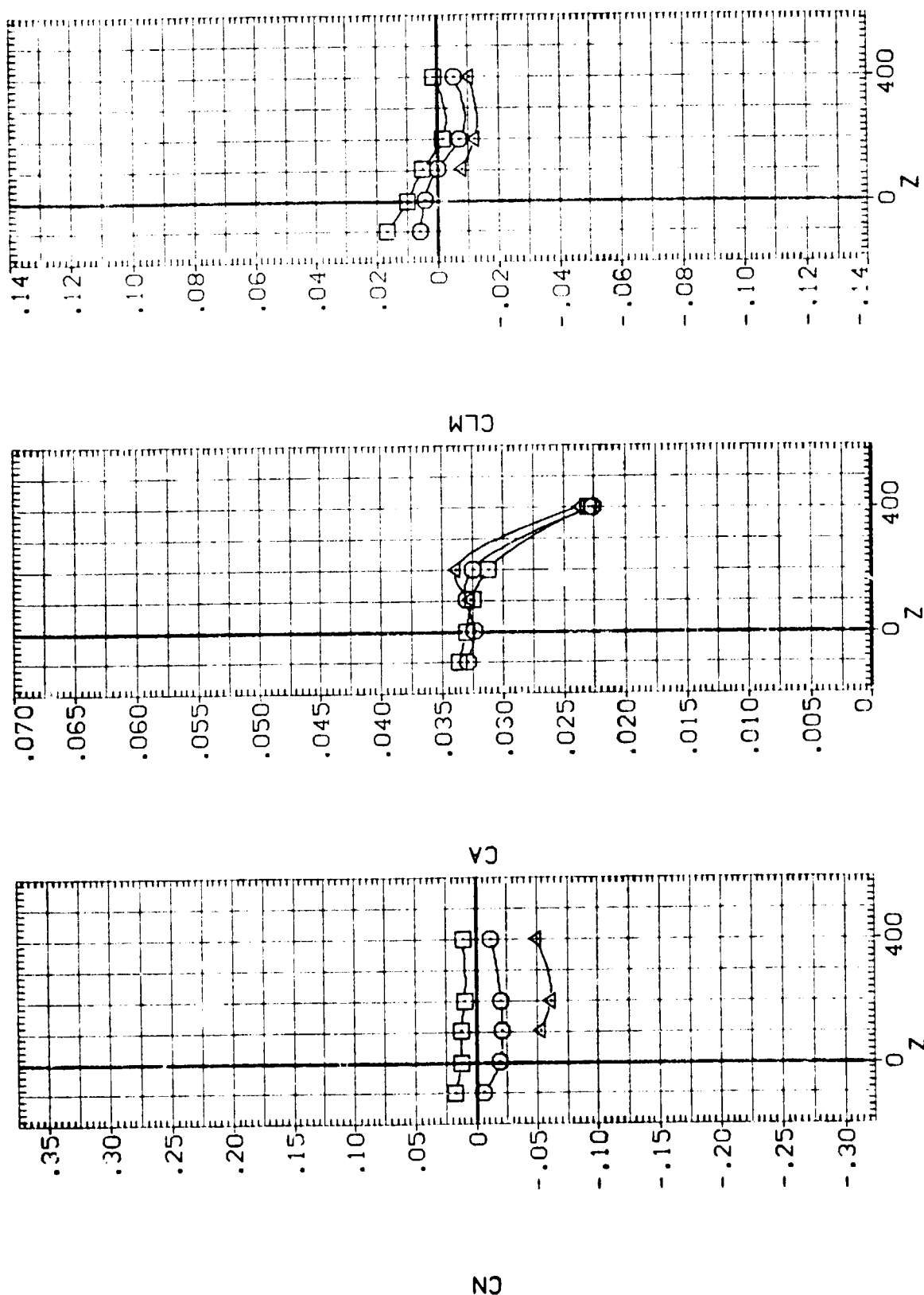


FIG.7 RIGHT SRB AERO CHARACTERISTICS FROM 0/ET (ALPHA=0 BETA=5.4)

(A)Y = 10.00

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU083)	AEDC/VA528(IAB7)-O1ETISI-R/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU086)	AEDC/VA528(IAB7)-O1ETISI-R/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU087)	AEDC/VA528(IAB7)-O1ETISI-R/H	SRB SEPAR. FROM O/ET	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

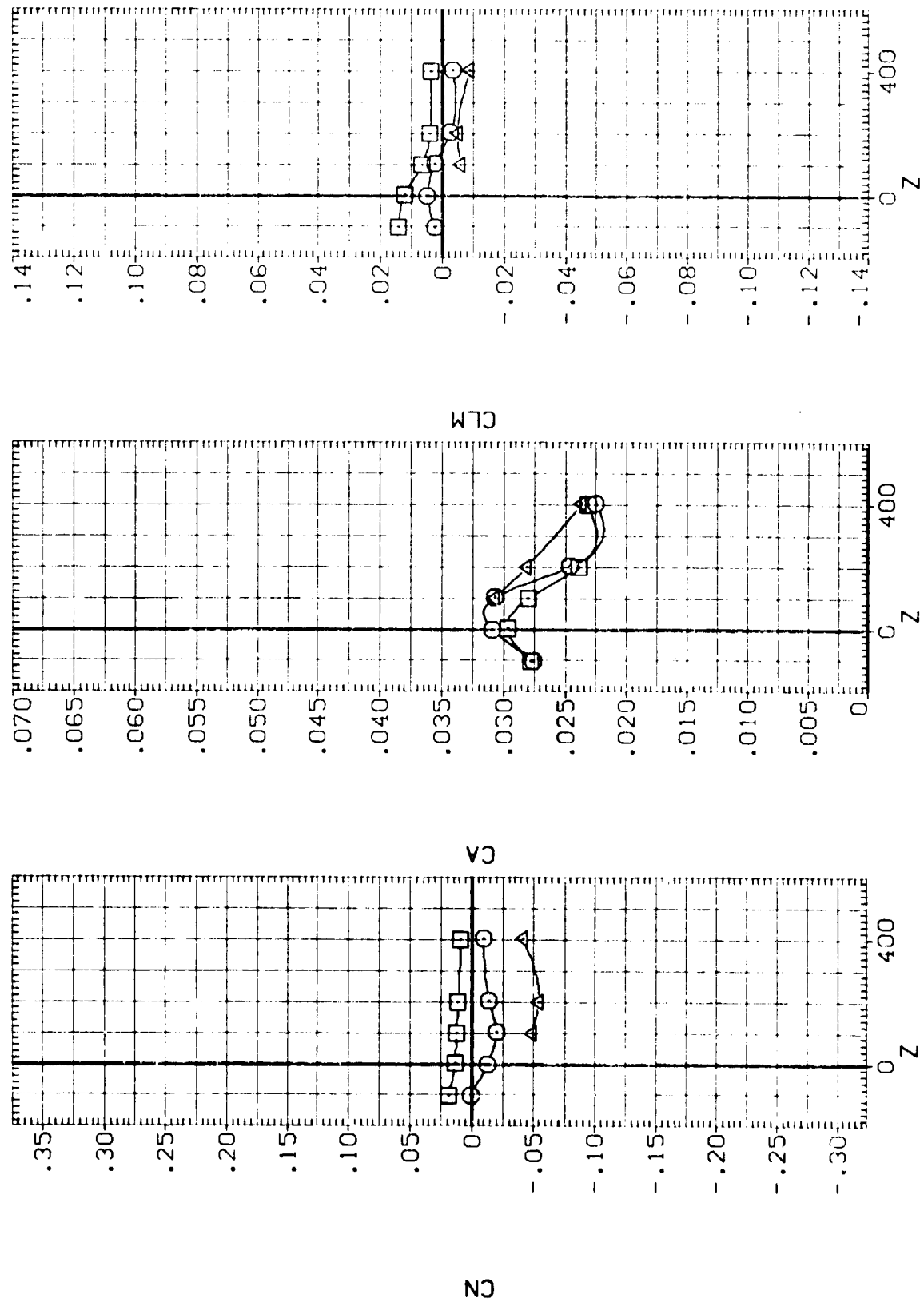


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)

(B)Y = 100.00

DATA SET SYMBOL

(ATU083)  
(ATU086)  
(ATU087)

Z

CONFIGURATION DESCRIPTION

AEDC/VA528(1A87)-01ET1S1-R/H  
AEDC/VA528(1A87)-01ET1S1-R/H  
AEDC/VA528(1A87)-01ET1S1-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA

DBETA

X

.000  
.000  
.000

MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 2680.0000 SQ.FT.  
LREF 1290.3000 INCHES  
YMRP 1290.3000 IN. XS  
ZMRP 1258.5000 IN. YS  
SCALE 400.0000 IN. ZS  
.0100

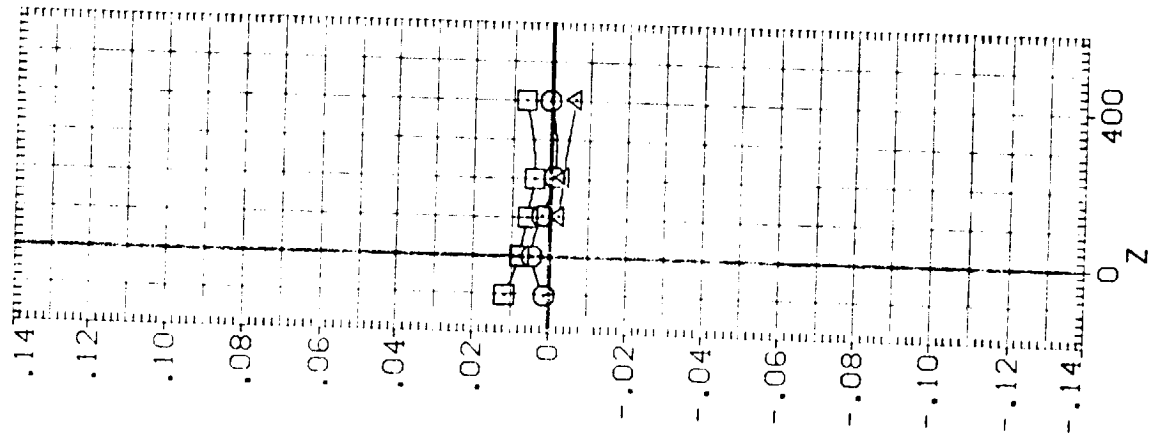
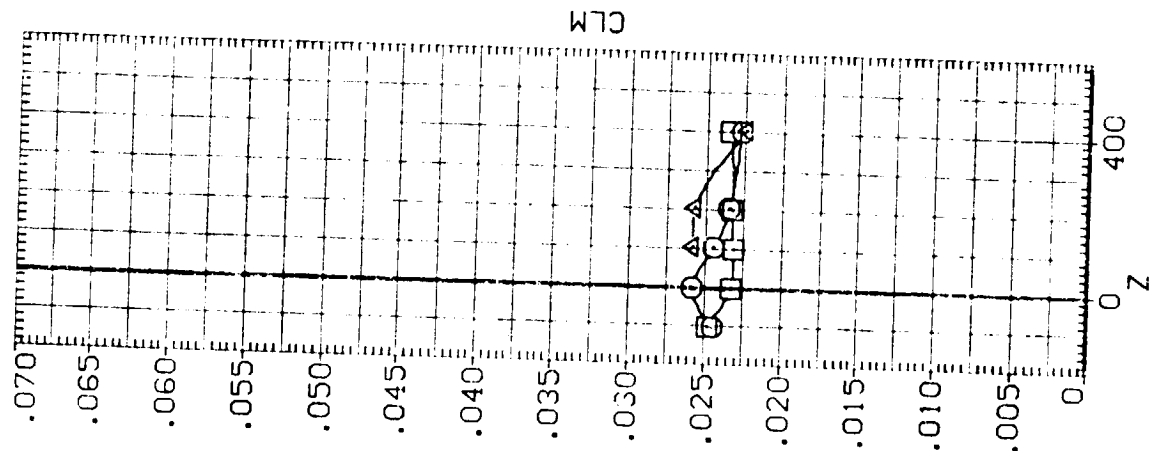
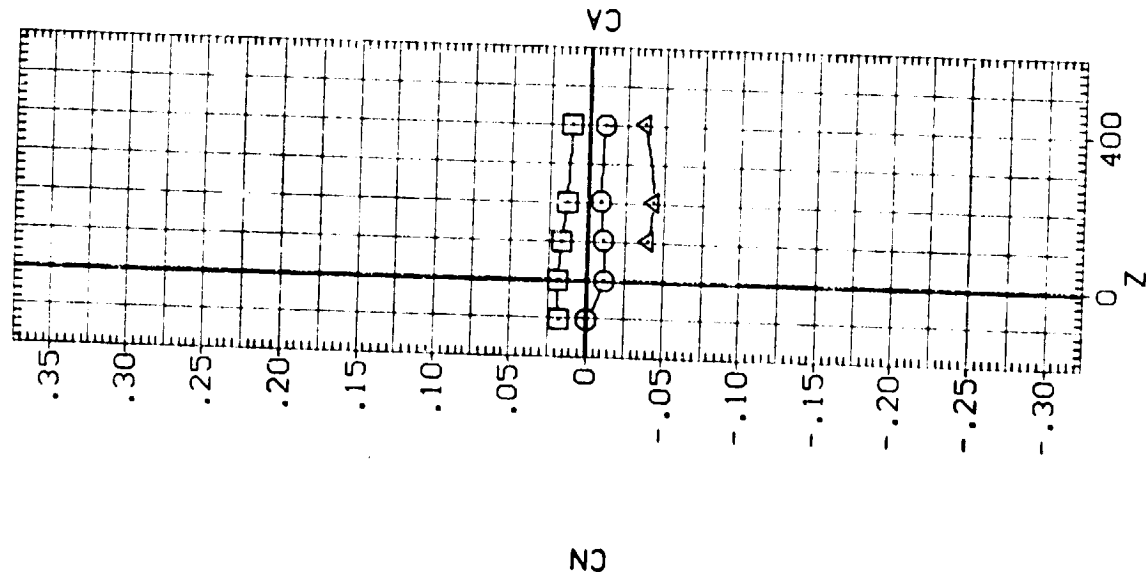


FIG.7 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)  
(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(ATU083)	AEDC/VA528(1A87)-01ET1S1-R/H	
(ATU086)	AEDC/VA528(1A87)-01ET1S1-R/H	
(ATU087)	AEDC/VA528(1A87)-01ET1S1-R/H	

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA	DBETA
.000	.000
5.000	.000
-5.000	.000

000  
 000  
 000  
 . . .  
 X

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION	
SREF	2690.0000 SQ.FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRD	1258.5000 IN. X S
YMRD	1000.0000 IN. Y S
ZMRD	400.0000 IN. Z S
SCALE	.0100

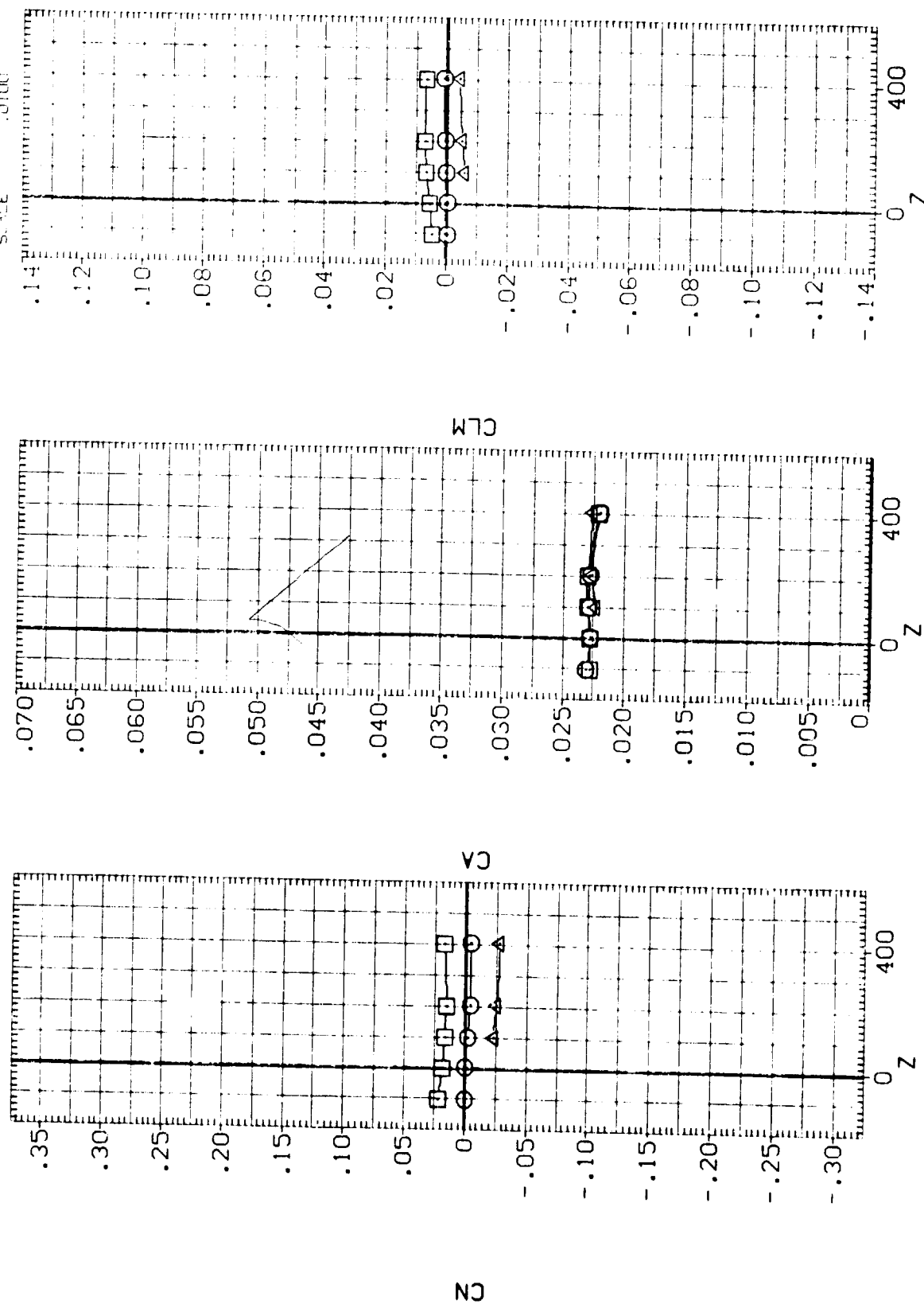


FIG.7 RIGHT SRB AERO CHARACTERISTICS FROM Q/ET (ALPHA=0 BETA=5.4)



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU083)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.120	SREF 2690.0000 SQ.FT.
(ATU086)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.120	SREF 1290.3000 INCHES
(ATU087)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	.000	.000	4.520	SREF 1290.3000 INCHES
							YMRP 1258.5000 IN. YS
							YMRP .0000 IN. ZS
							SCALE 400.0000
							.0100

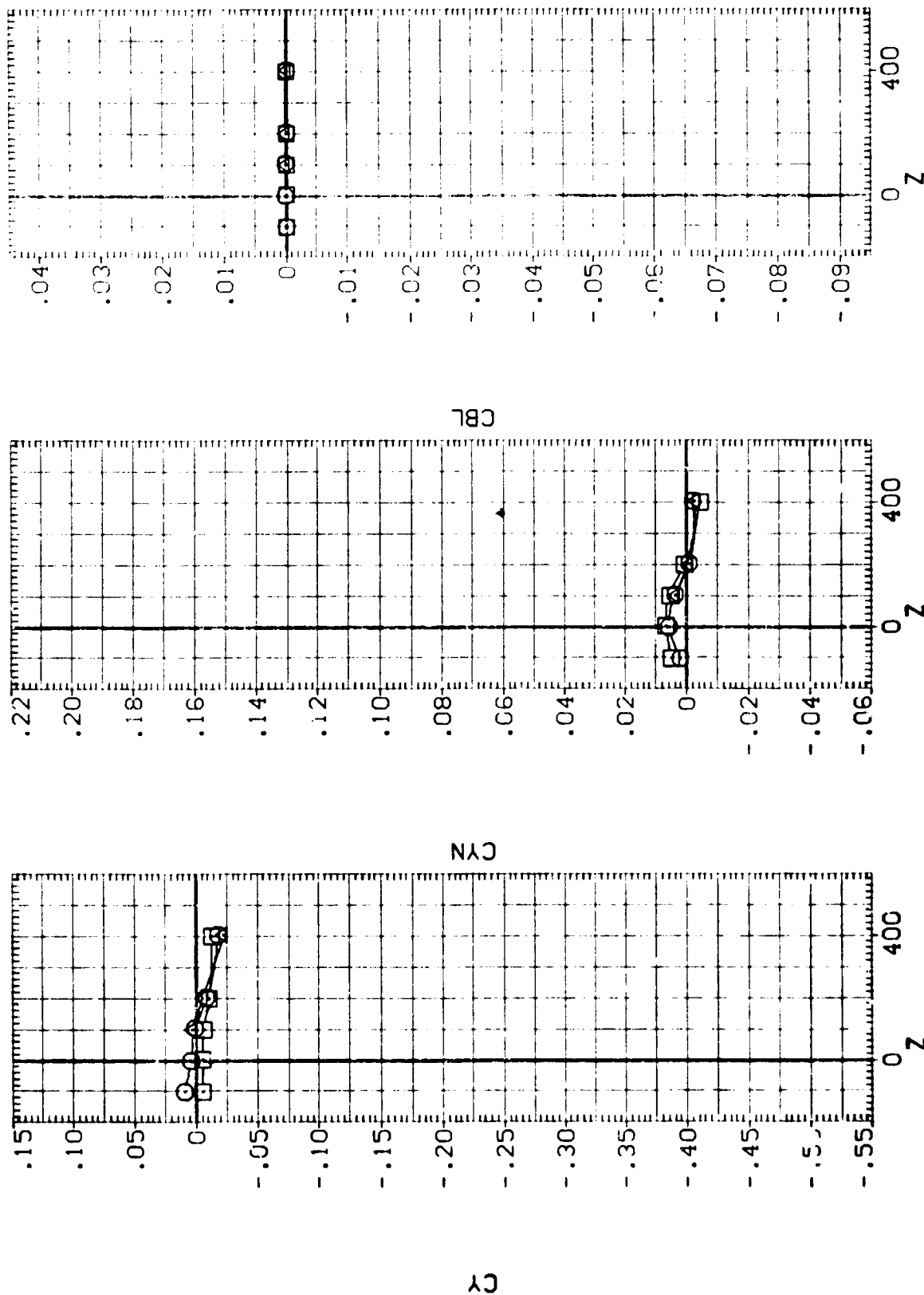


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)

(B)Y =100.00



DATA (LET SYMBOL) CONFIGURATION DESCRIPTION

DATA (LET SYMBOL)	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU03)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	.000	.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU04)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	.000	.000	.000	4.530	REF 1290.3000 INCHES
(ATU087)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	-5.000	.000	.000	4.530	REF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

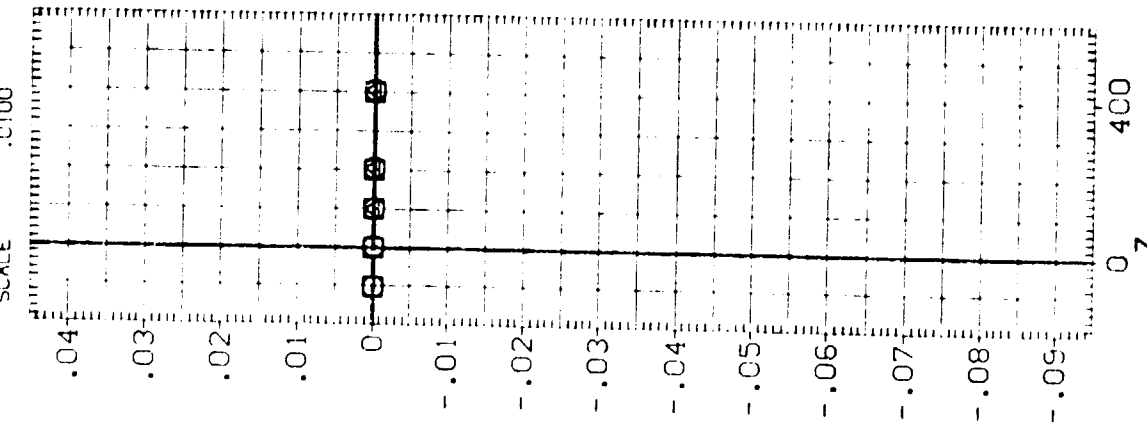
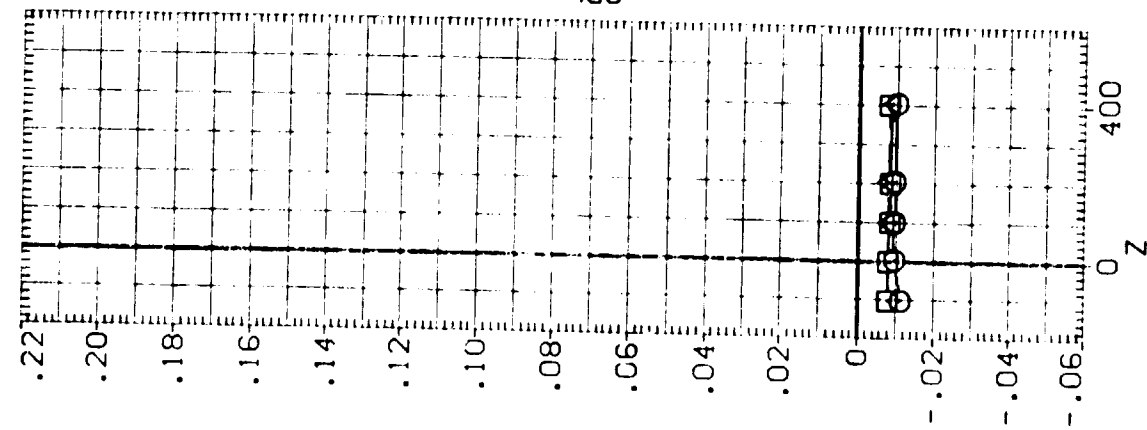
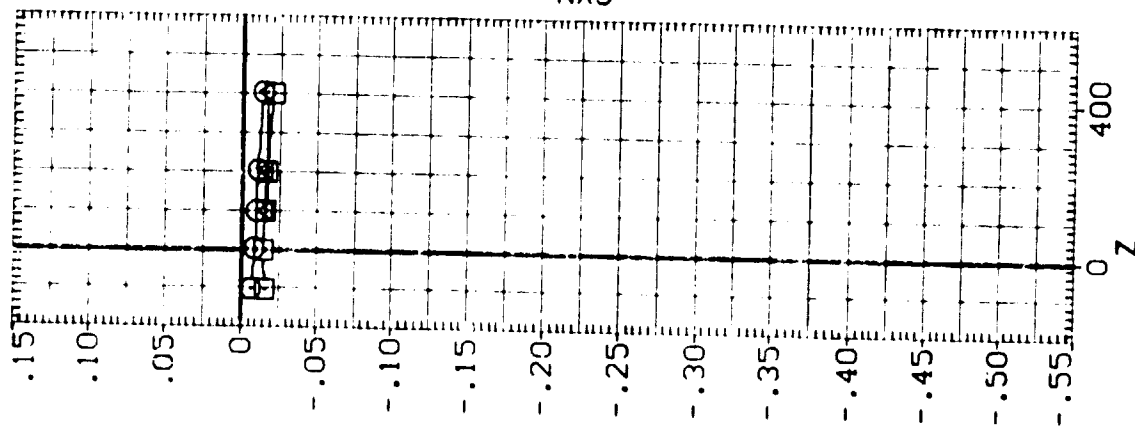


FIG.7 RIGHT SRB AERO CHARACTER SEPARATING FROM O/E/T (ALPHA=0 BETA=5.4°)  
(O)Y = 400.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFO	ION
(ATU084)	AEDC/VA528(1A87)-01ET1S1-R/1	SRB SEPAR. FROM O/EI	.000	.000	300.000	4.520	SREF 2690.0000	50. FT.
(ATU085)	AEDC/VA528(1A87)-01ET1S1-F/1	SRB SEPAR. FROM O/EI	5.000	.000	300.000	4.520	LREF 1290.3000	INCHES
(ATU088)	AEDC/VA528(1A87)-01ET1S1-R/1	SRB SEPAR. FROM O/EI	-5.000	.000	300.000	4.520	BREF 1290.3000	INCHES
							XMRP 1258.5000	IN. XS
							YMRP .0000	IN. YS
							ZMRP 400.0000	IN. ZS
							SCALE .0100	

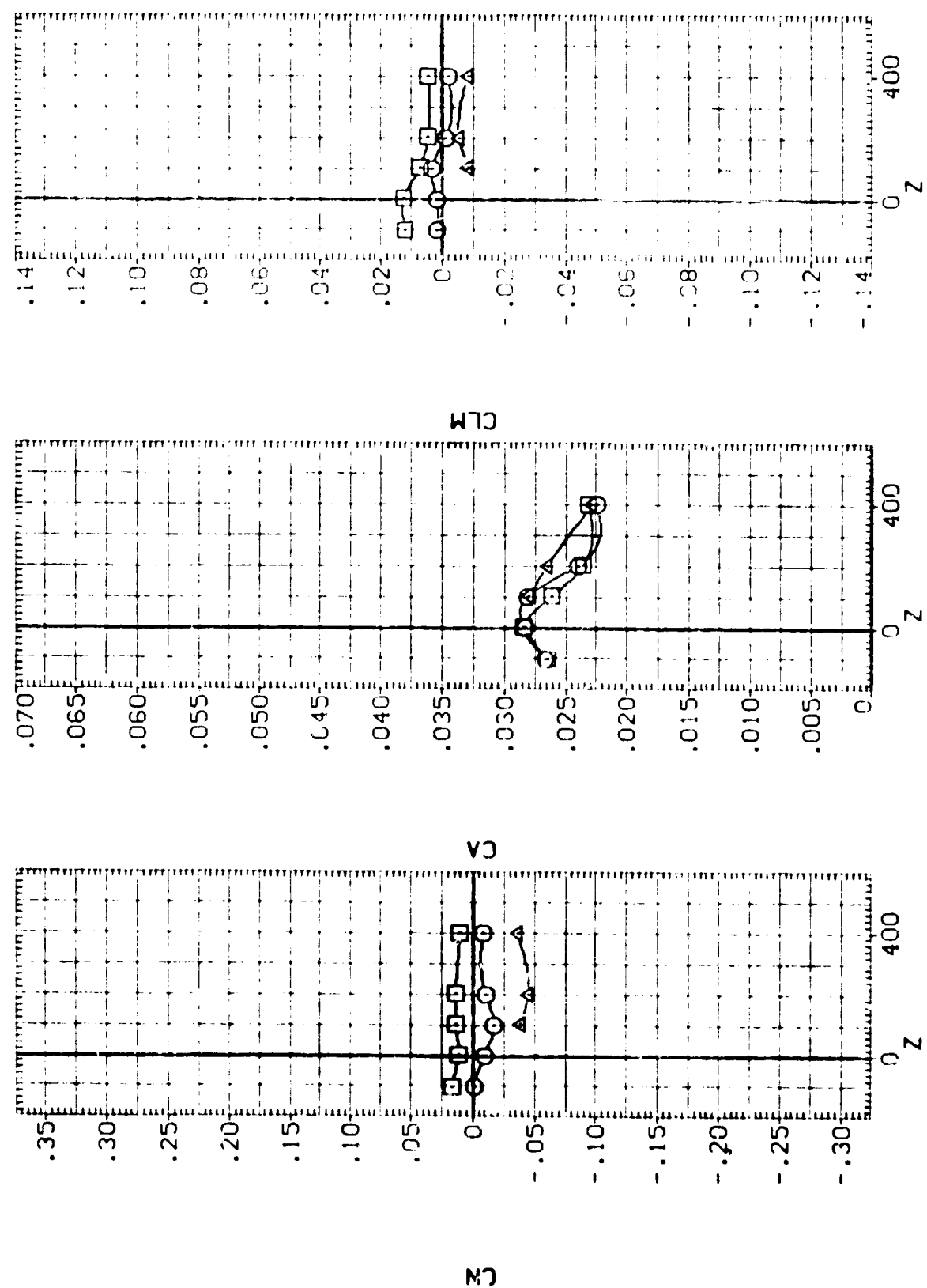


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/EI (ALPHA=0 BETA=5.4)

(C)Y =200.00





DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(ATU084)	□	AEDC/VAS28(1A87)-C1ET1S1-R/H	SRB	SEPAR. FROM O/ET	.000	.000	300.000	4.520	SREF	2690.0000	SQ.FT.		
(ATU085)	△	AEDC/VAS28(1A87)-G1ET1S1-R/H	SRB	SEPAR. FROM O/ET	.000	.000	300.000	4.520	LREF	1290.3000	INCHES		
(ATU088)	△	AEDC/VAS28(1A87)-G1ET1S1-R/H	SRB	SEPAR. FROM O/ET	-5.000	.000	300.000	4.520	BREF	1290.3000	INCHES		
									YMRP	.0000	IN. YS		
									ZMRP	400.0000	IN. ZS		
									SCALE	.0100			

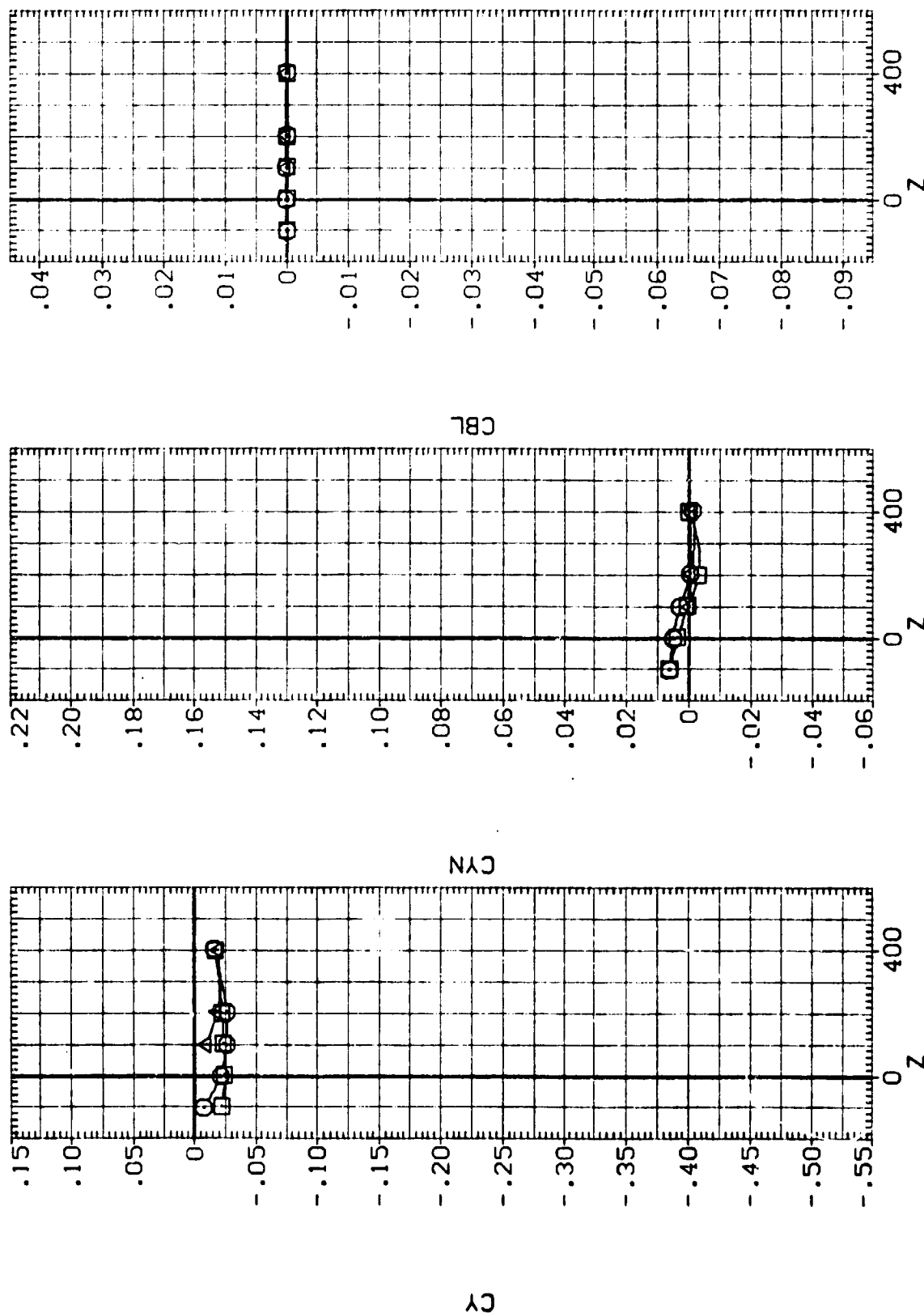


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU084)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU085)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU086)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

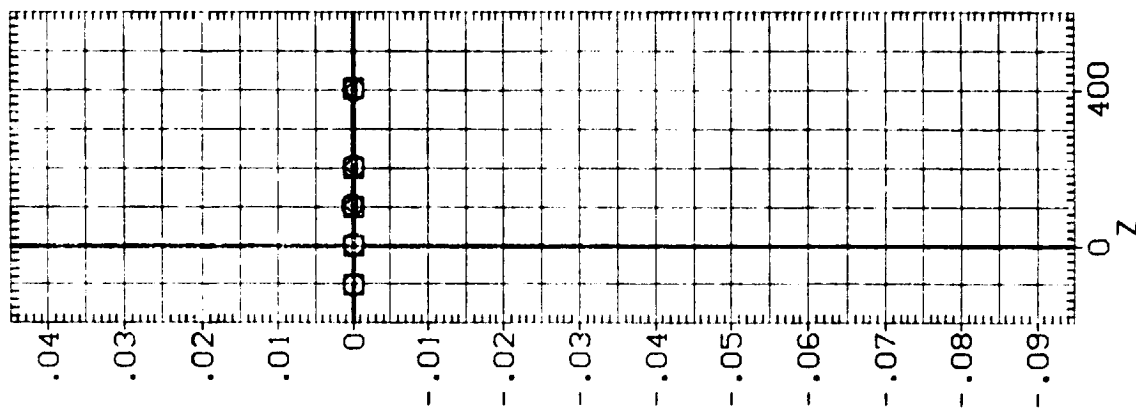
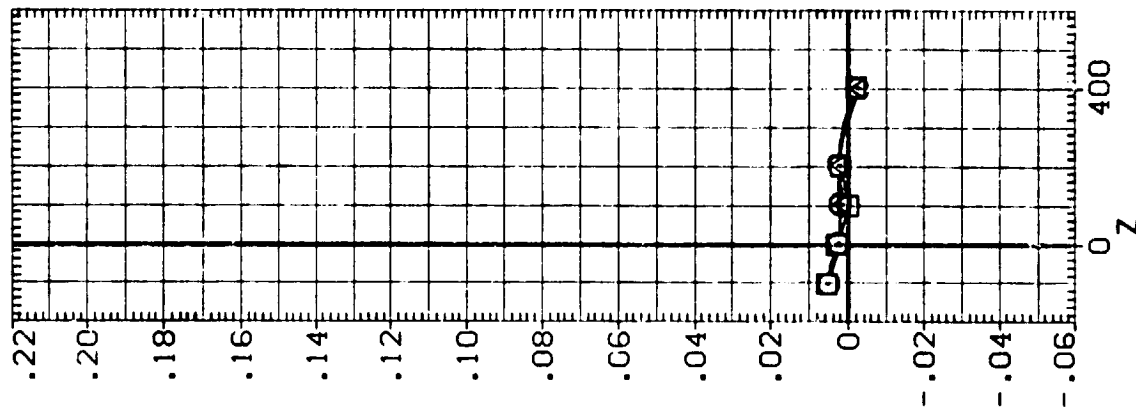
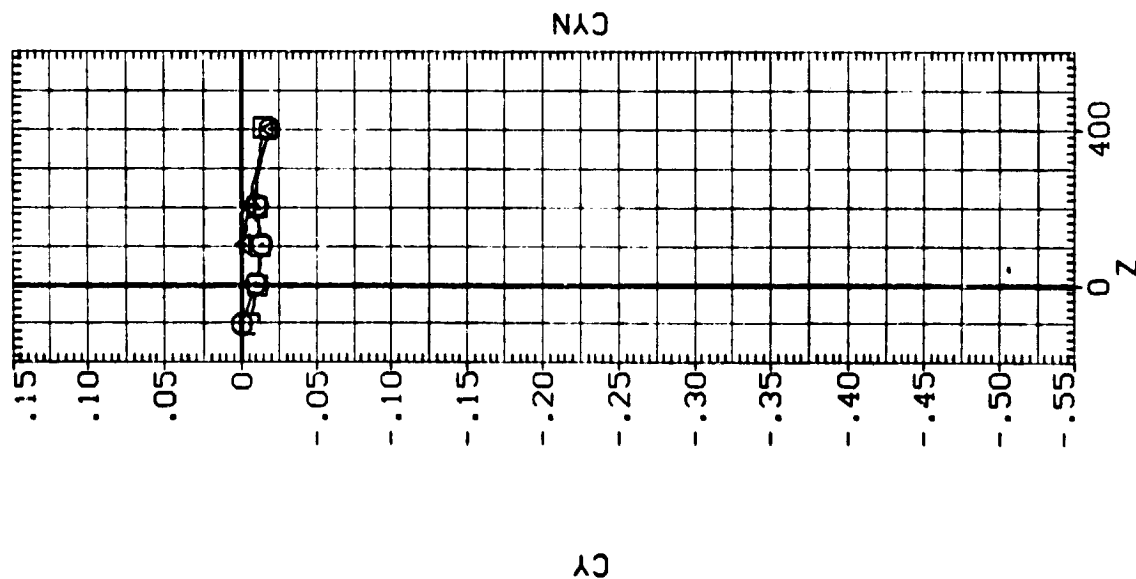


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU084)	AEDC/VAS28(1A87)-01ET1SI-R/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	SRF 2690.0000 SO.FT.
(ATU085)	AEDC/VAS28(1A87)-01ET1SI-R/H	SRB SEPAR. FROM O/ET	5.000	.000	300.000	4.520	LRF 1290.3000 INCHES
(ATU088)	AEDC/VAS28(1A87)-01ET1SI-R/H	SRB SEPAR. FROM O/ET	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP .0000 IN. YS
							SCALE 400.0000 IN. ZS
							.0100

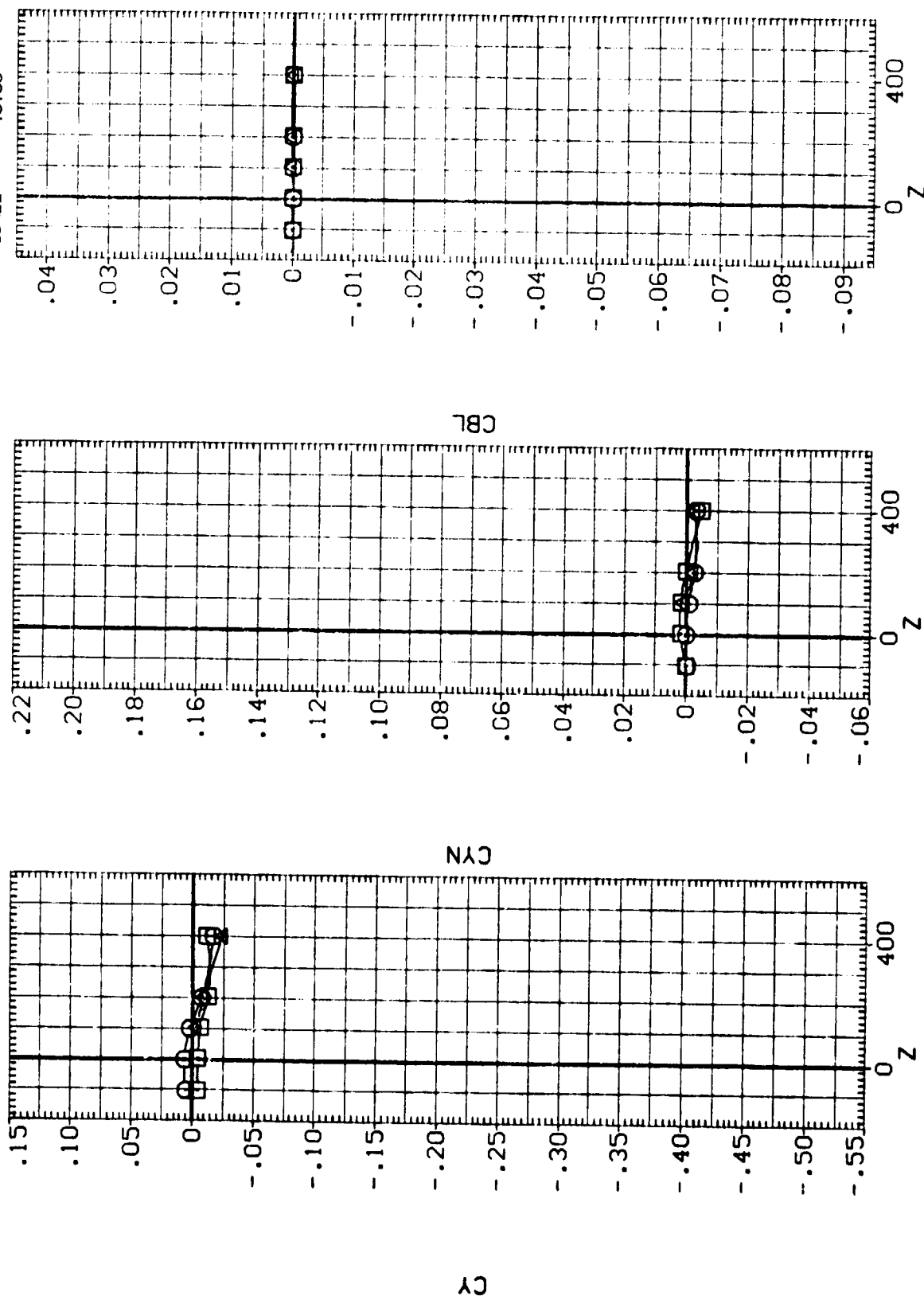


FIG.7 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=0 BETA=5.4)

(C) Y = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATL084)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB	.000	.000	300.000	4.520	SREF 2650.0000 SO.FT.
(ATL085)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB	.000	.000	300.000	4.520	LREF 1250.3000 INCHES
(ATL088)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB	-5.000	.000	300.000	4.520	BREF 1250.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

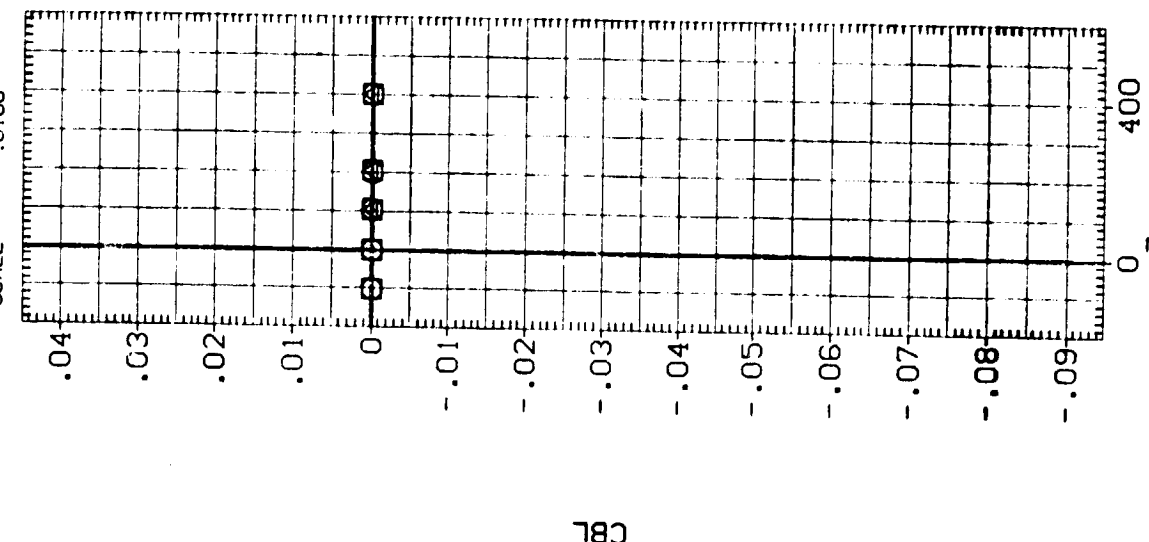
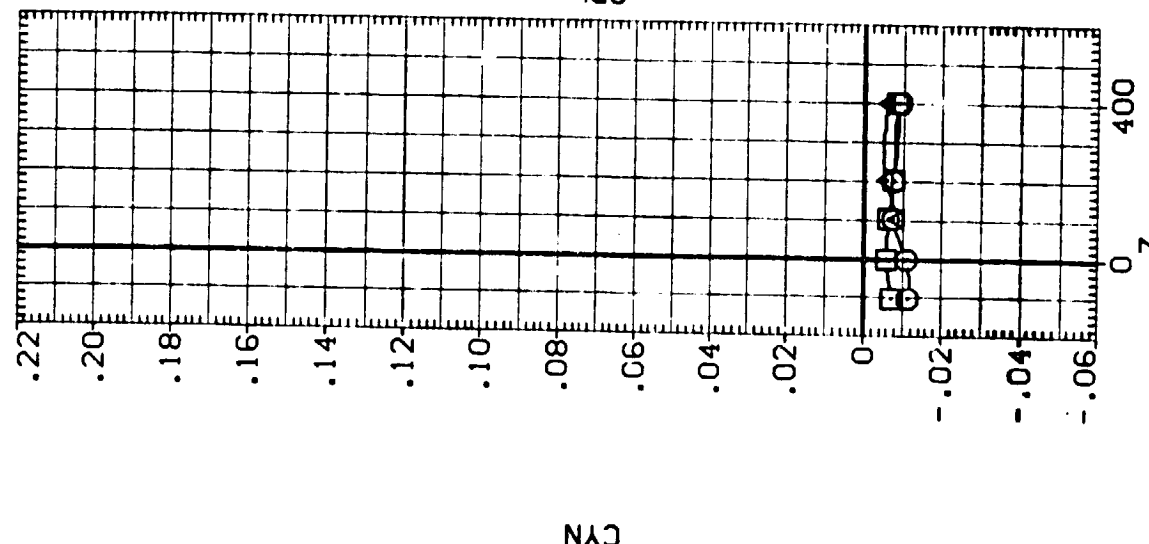
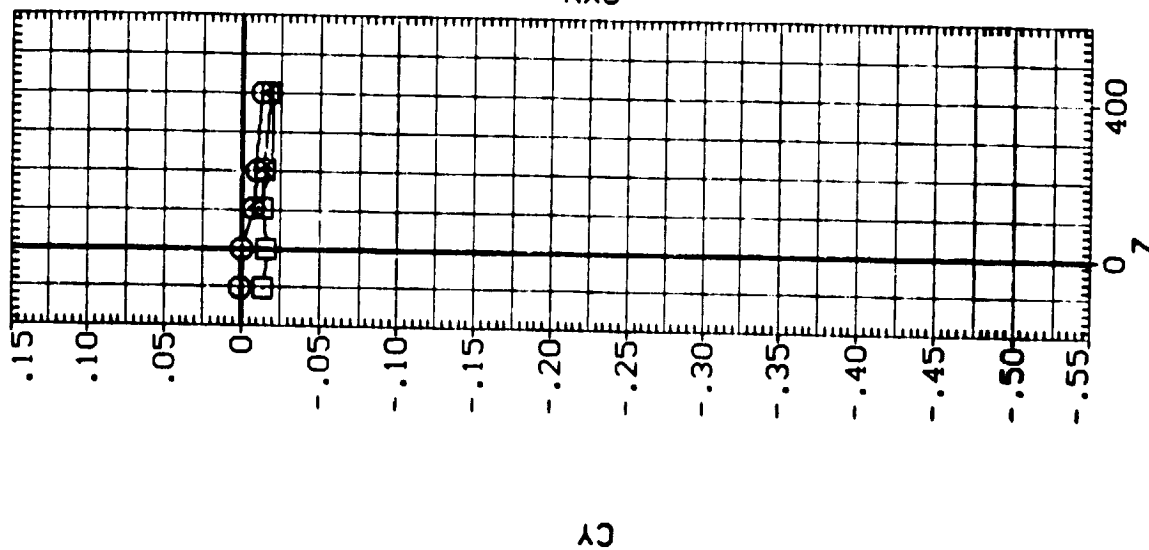


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)

(O)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU089)	AEDC/VA528(IAB7)-01ETIS1-R/H	SRB SEPAR. FROM 0/ET	.000	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU092)	AEDC/VA528(IAB7)-01ETIS1-R/H	SRB SEPAR. FROM 0/ET	.000	-4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU093)	AEDC/VA528(IAB7)-01ETIS1-R/H	SRB SEPAR. FROM 0/ET	-5.000	-4.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

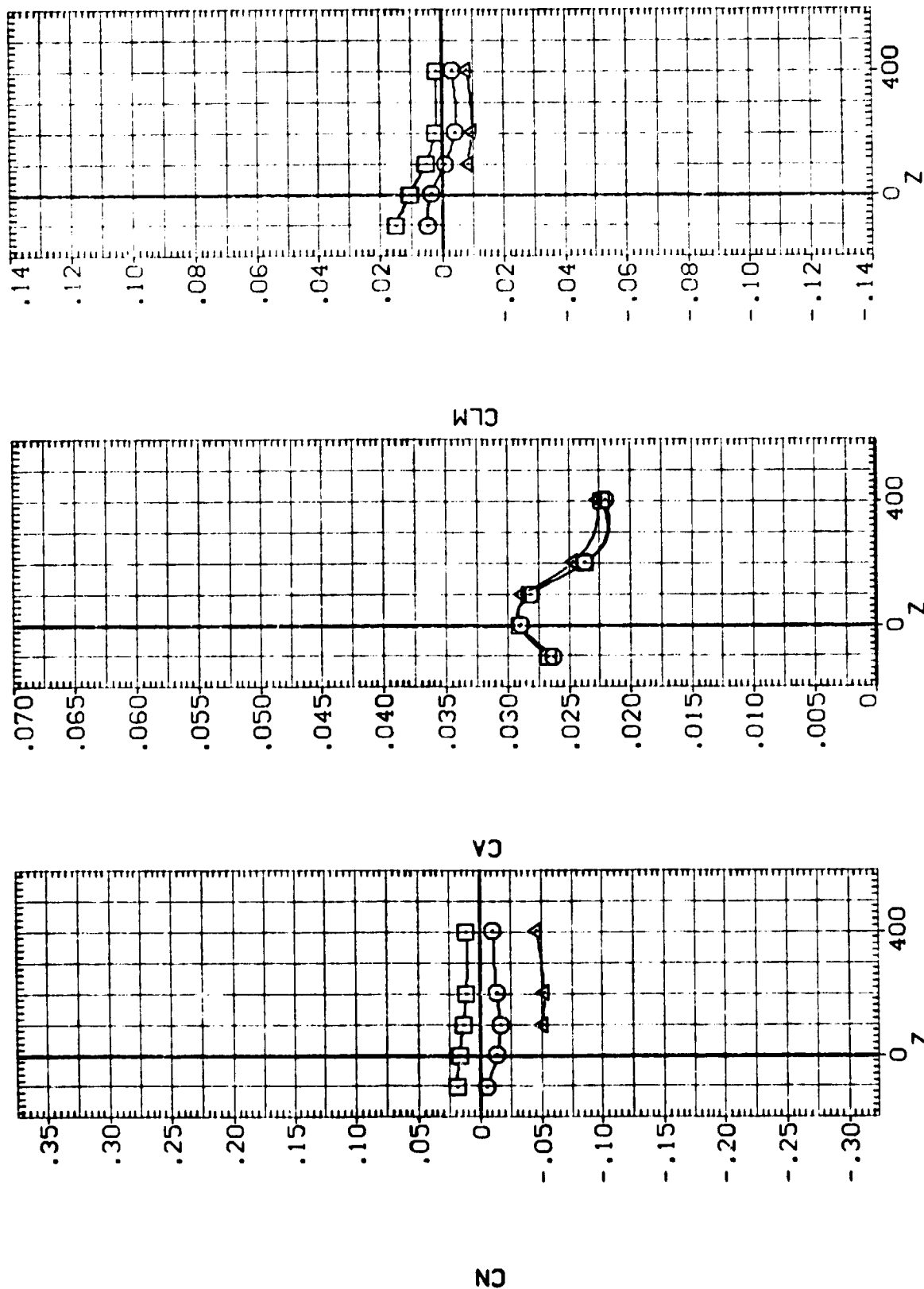


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=0 BETA=5.4)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU089)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	.000	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU092)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	.000	-4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU093)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	-5.000	-4.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

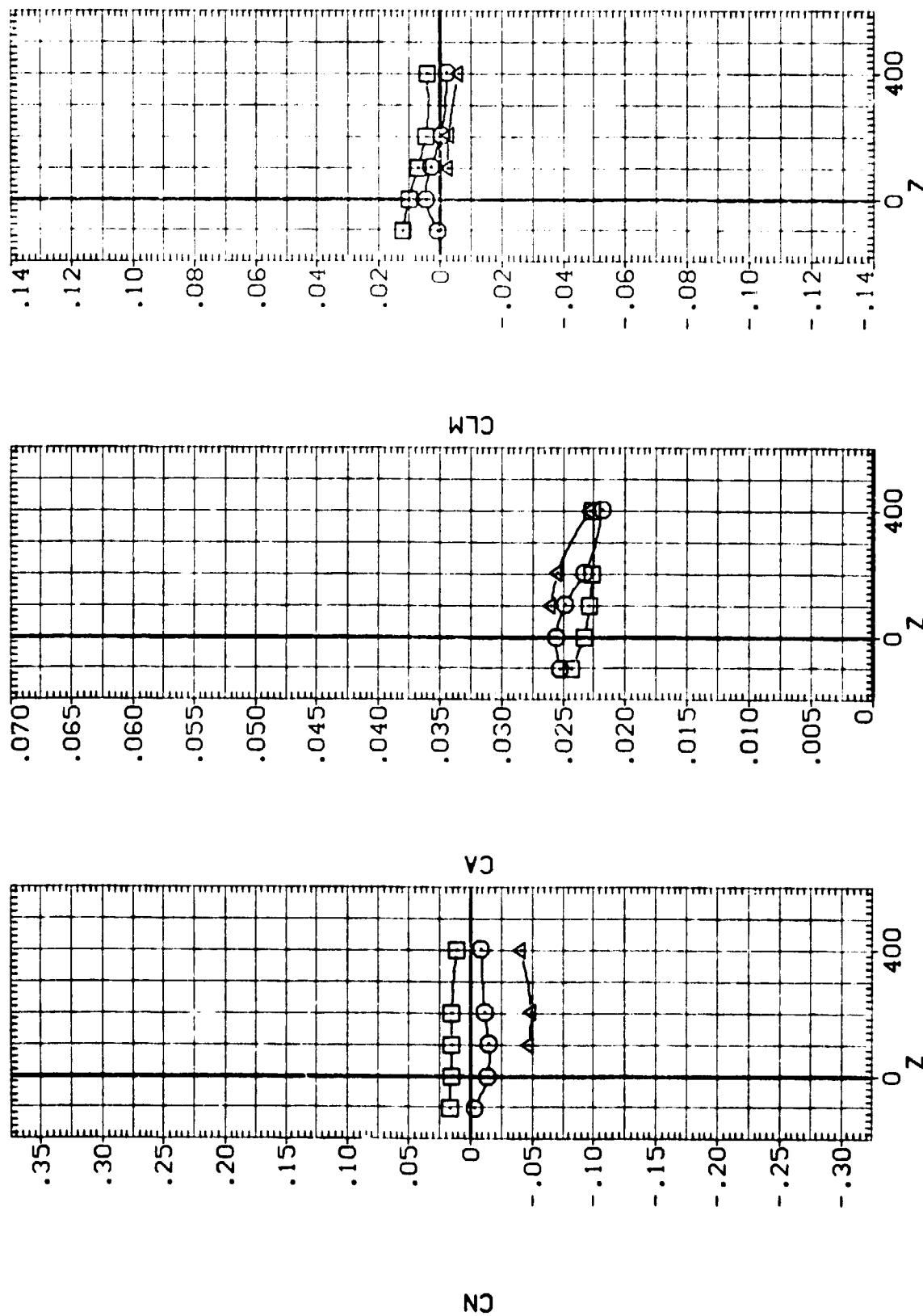


FIG.7 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=0 BETA=5.4)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFO.	ION
(ATU089)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	-4.000	.000	4.520	SREF 2690.0000	50 FT.
(ATU092)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	-4.000	.000	4.520	LREF 1290.3000	INCHES
(ATU093)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	-4.000	.000	4.520	BREF 1290.3000	INCHES
							YMRP 1258.5000	IN. XS
							ZMRP .0000	IN. YS
							SCALE 400.0000	IN. ZS

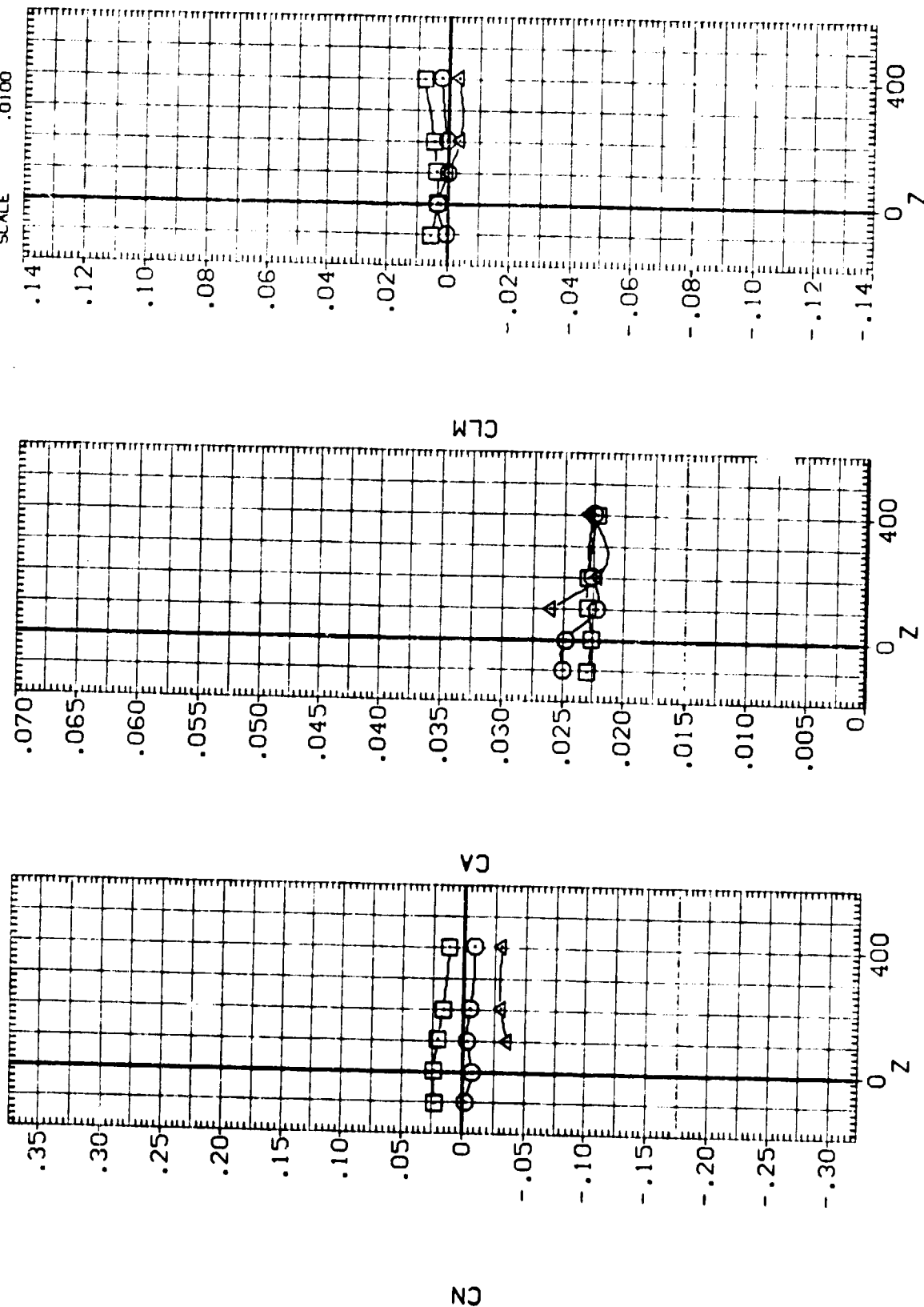


FIG.7 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=0 BETA=5.4)

(D)Y = 400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU089)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU092)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	-4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU093)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	-4.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

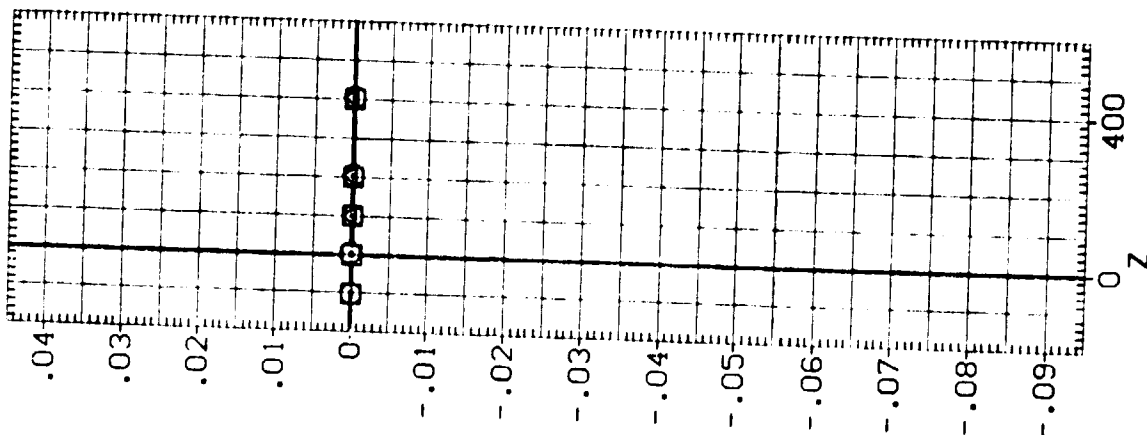
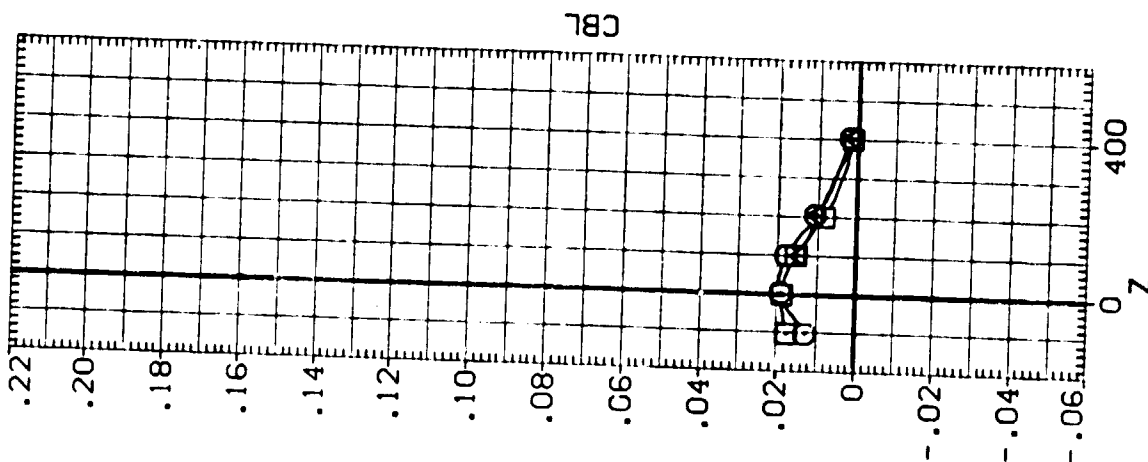
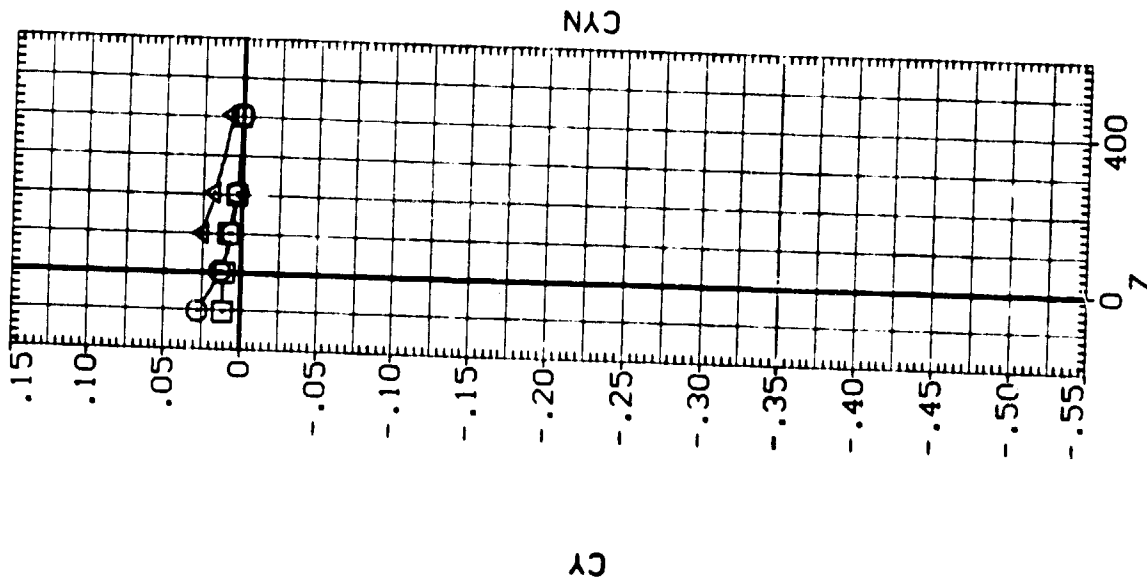


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)  
(B)Y = 100.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		SRB SEPAR. FROM O/E/T		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION			
(ATU089)	□	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM O/E/T	.000	.000	.000	.000	4.520	SREF	2690.0000	SO.FT.	INCHES				
(ATU092)	□	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM O/E/T	.000	.000	.000	.000	4.520	LREF	1290.3000	INCHES					
(ATU093)	□	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM O/E/T	.000	.000	.000	.000	4.520	BREF	1290.3000	INCHES					
										YMRP	1258.5000	IN. YS					
										ZMRP	400.0000	IN. ZS					
										SCALE	.0100						

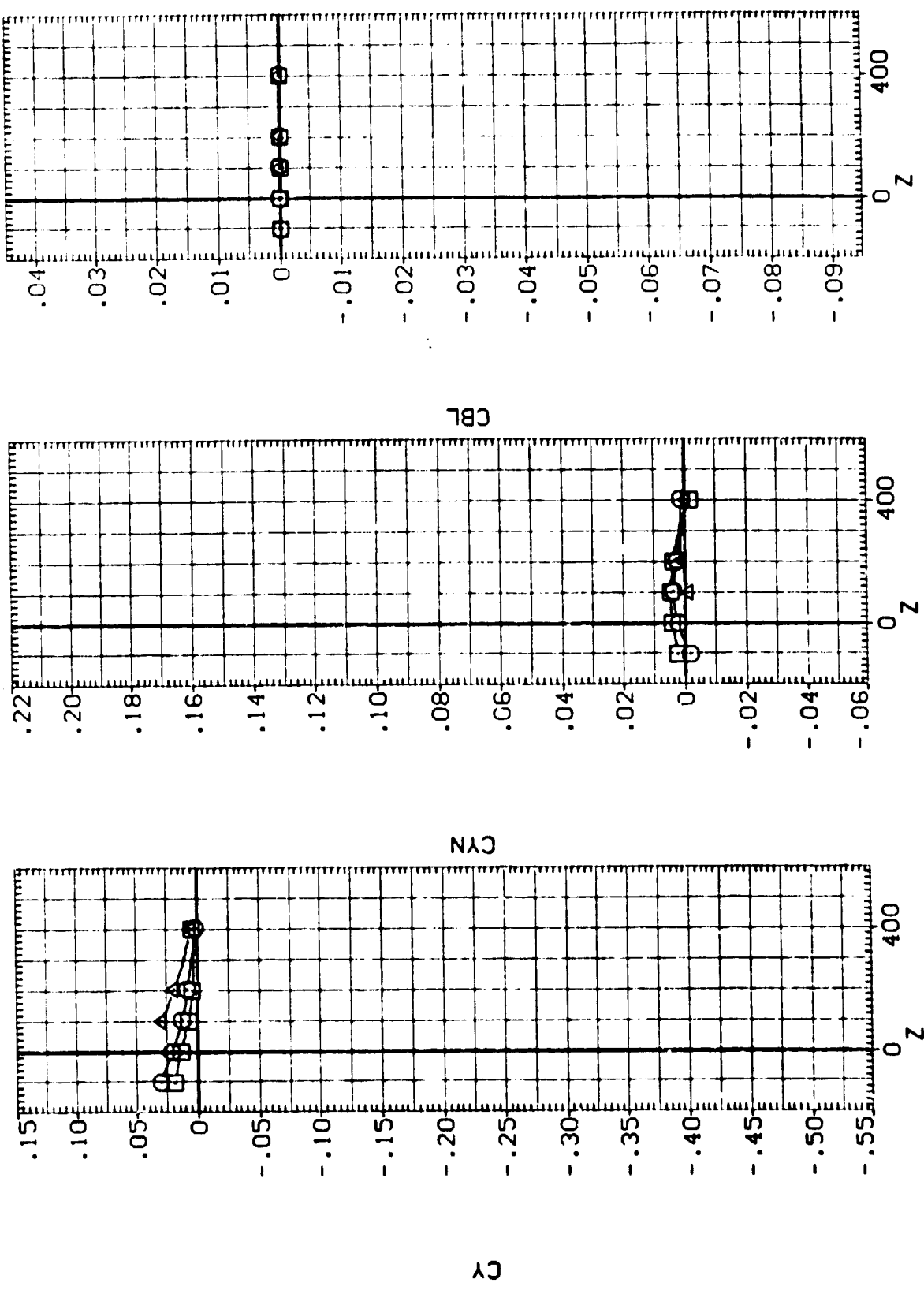


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=0 BETA=5.4)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU089)	AEDC/VAS28(1A87)-01ETIS1-R/H	0.000	-4.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU092)	AEDC/VAS28(1A87)-01ETIS1-R/H	5.000	-4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU093)	AEDC/VAS28(1A87)-01ETIS1-R/H	-5.000	-4.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1259.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

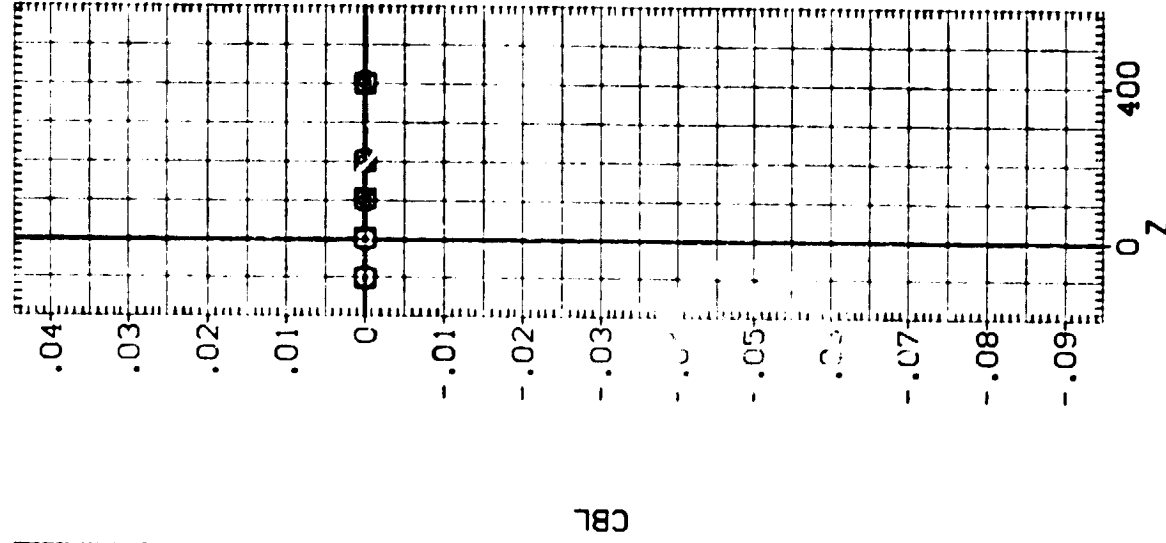
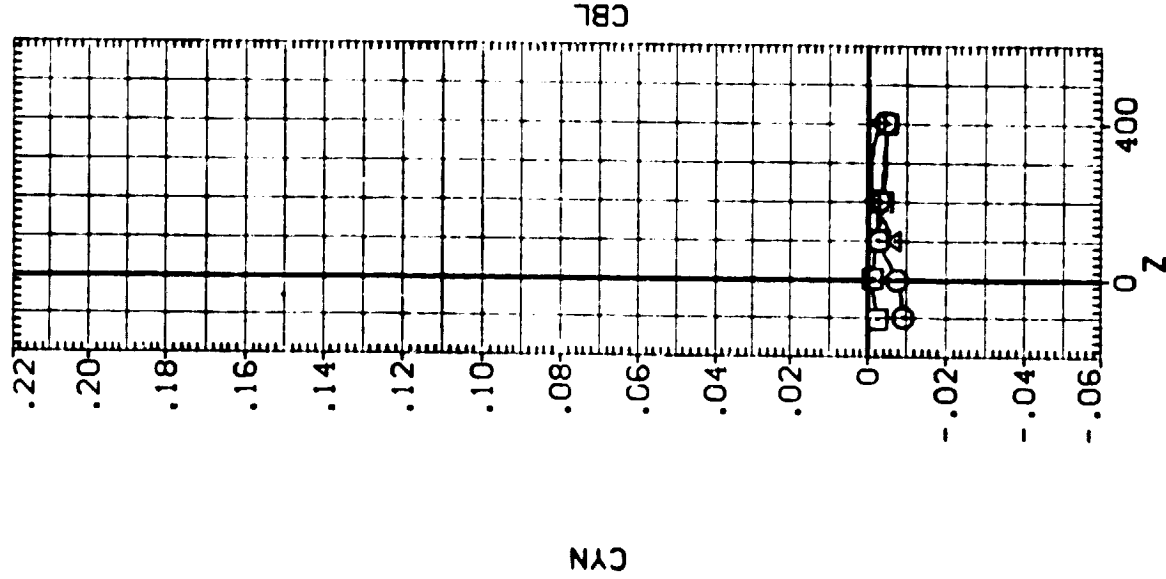
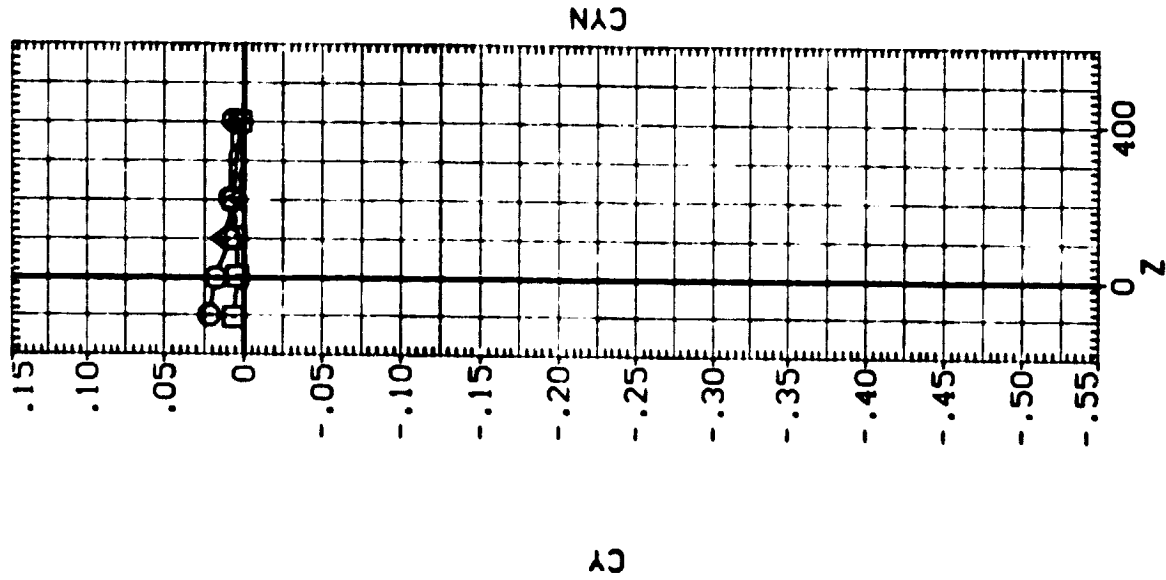


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)

(0)Y =400.00

D. A SET SYMBOL    CONFIGURATION DESCRIPTION    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET  
 (A. U090)    AEDC/VAS28(1A87)-O1ETIS1-R/H    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET  
 (ATU091)    AEDC/VAS28(1A87)-O1ETIS1-R/H    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET  
 (ATU094)    AEDC/VAS28(1A87)-O1ETIS1-R/H    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET    SRB SEPAR. FROM O/EET

REFERENCE INFORMATION  
 SREF 2690.0000 SQ. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

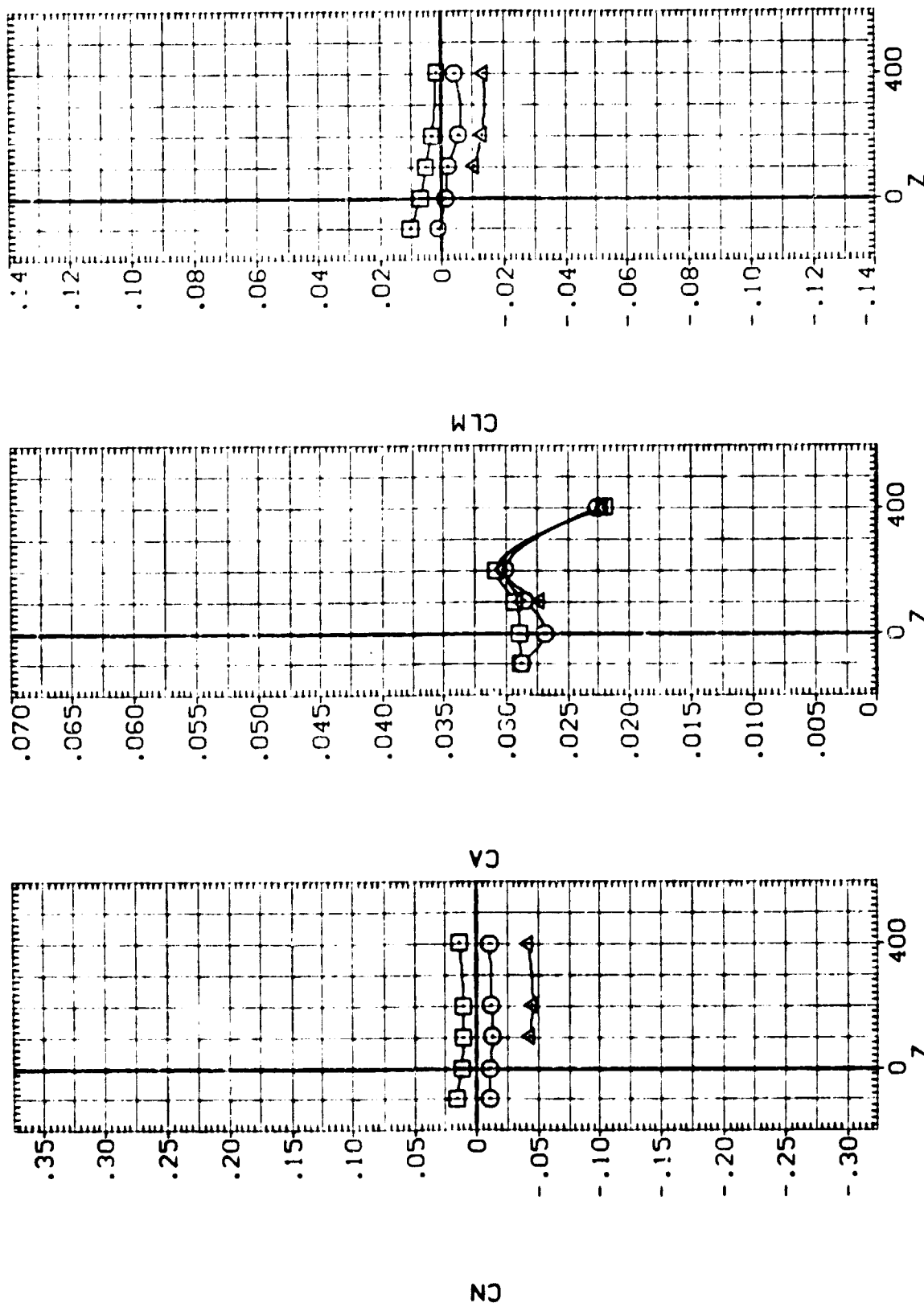


FIG.7 RIGHT SRB AERO CHARACTERISTICS FROM O/EET (ALPHA=0 BETA=5.4)

(B) Y = 100.00

DATA SET SYMBOL  
(ATU090)  
(ATU091)  
(ATU094)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ET1S1-R/H  
AEDC/VAS28(1A87)-01ET1S1-R/H  
AFIX/VAS28(1A87)-01ET1S1-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA DBETA X  
0.000 -4.000 300.000  
5.000 -4.000 300.000  
-5.000 -4.000 300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XPRP 1256.5000 IN. XS  
YPRP 400.0000 IN. YS  
ZPRP 400.0000 IN. ZS  
SCALE .0100

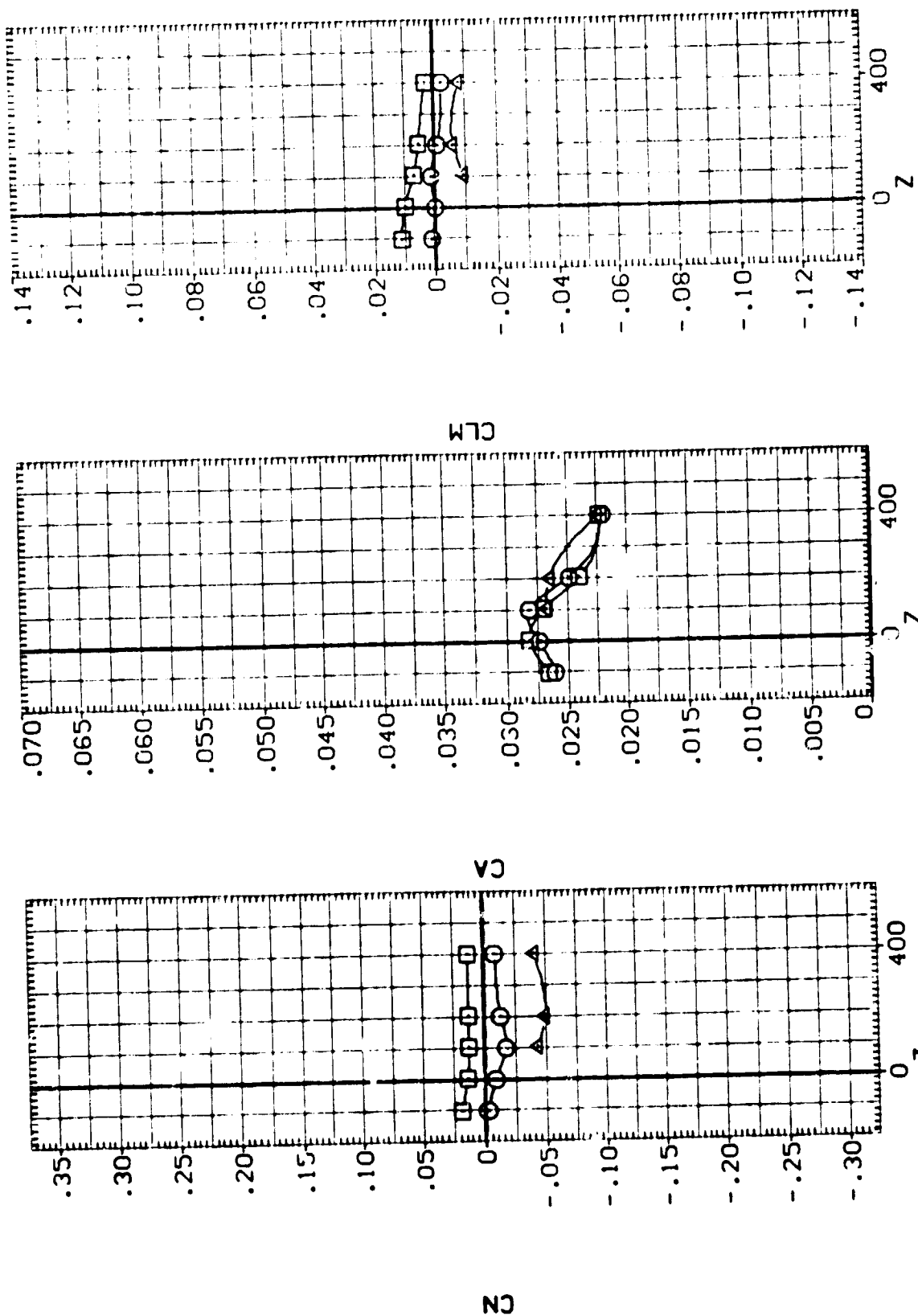


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EET	DALPHA	DBETA	X	MACH	REFERENCE INFO.	ATION
(ATU090)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/EET	0.000	-4.000	300.000	4.520	SREF 2690.0000	50. FT.
(ATU091)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/EET	5.000	-4.000	300.000	4.520	LREF 1290.3000	INCHES
(ATU094)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/EET	-5.000	-4.000	300.000	4.520	BREF 1290.3000	INCHES
							YMRP 1258.5000	IN. YS
							ZMRP 400.0000	IN. ZS
							SCALE .0100	

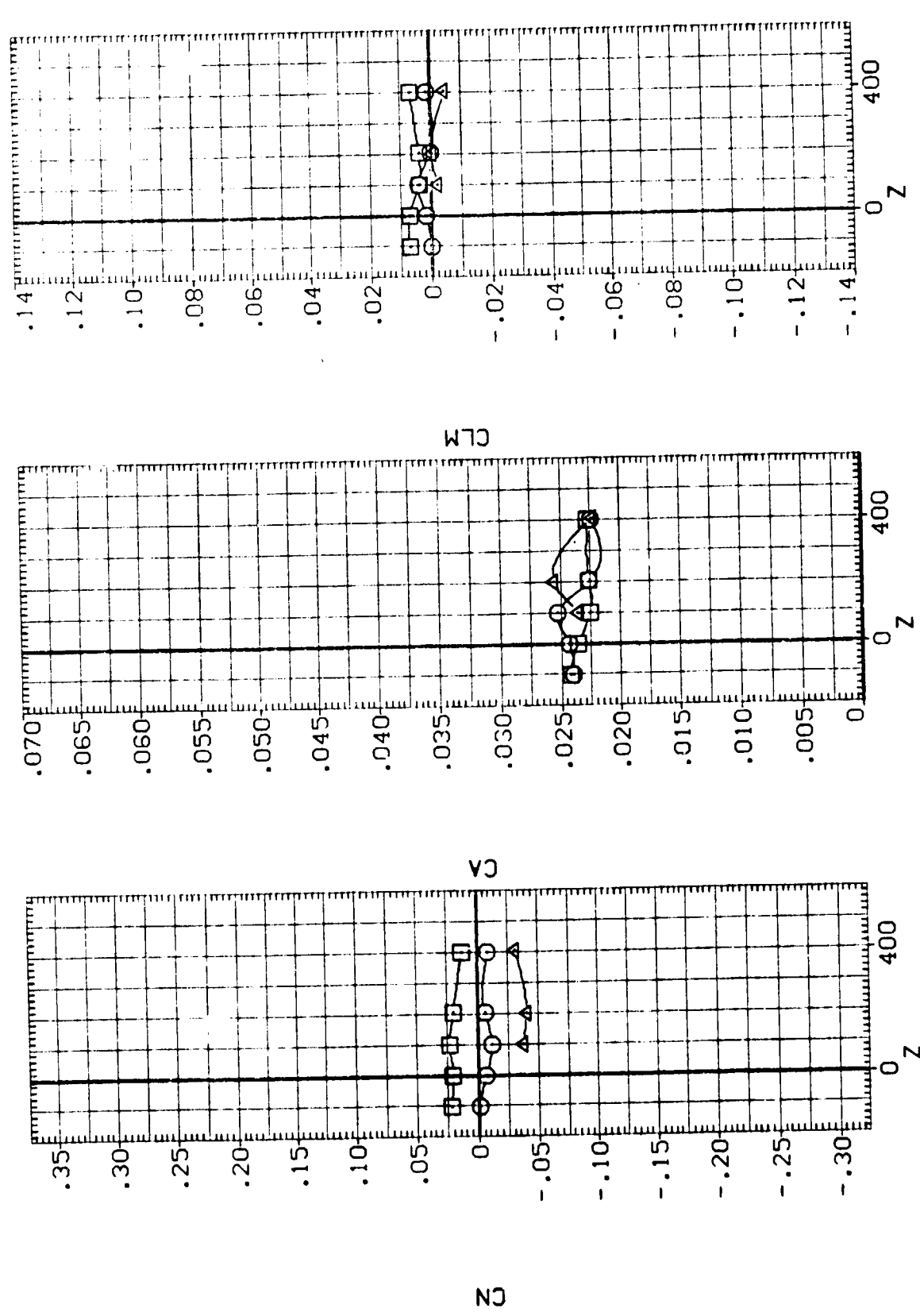


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/EET (ALPHA=0 BETA=5.4)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU090)	AEDC/VAS28(IAB7)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	-4.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU091)	AEDC/VAS28(IAB7)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	5.000	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU094)	AEDC/VAS28(IAB7)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-5.000	-4.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

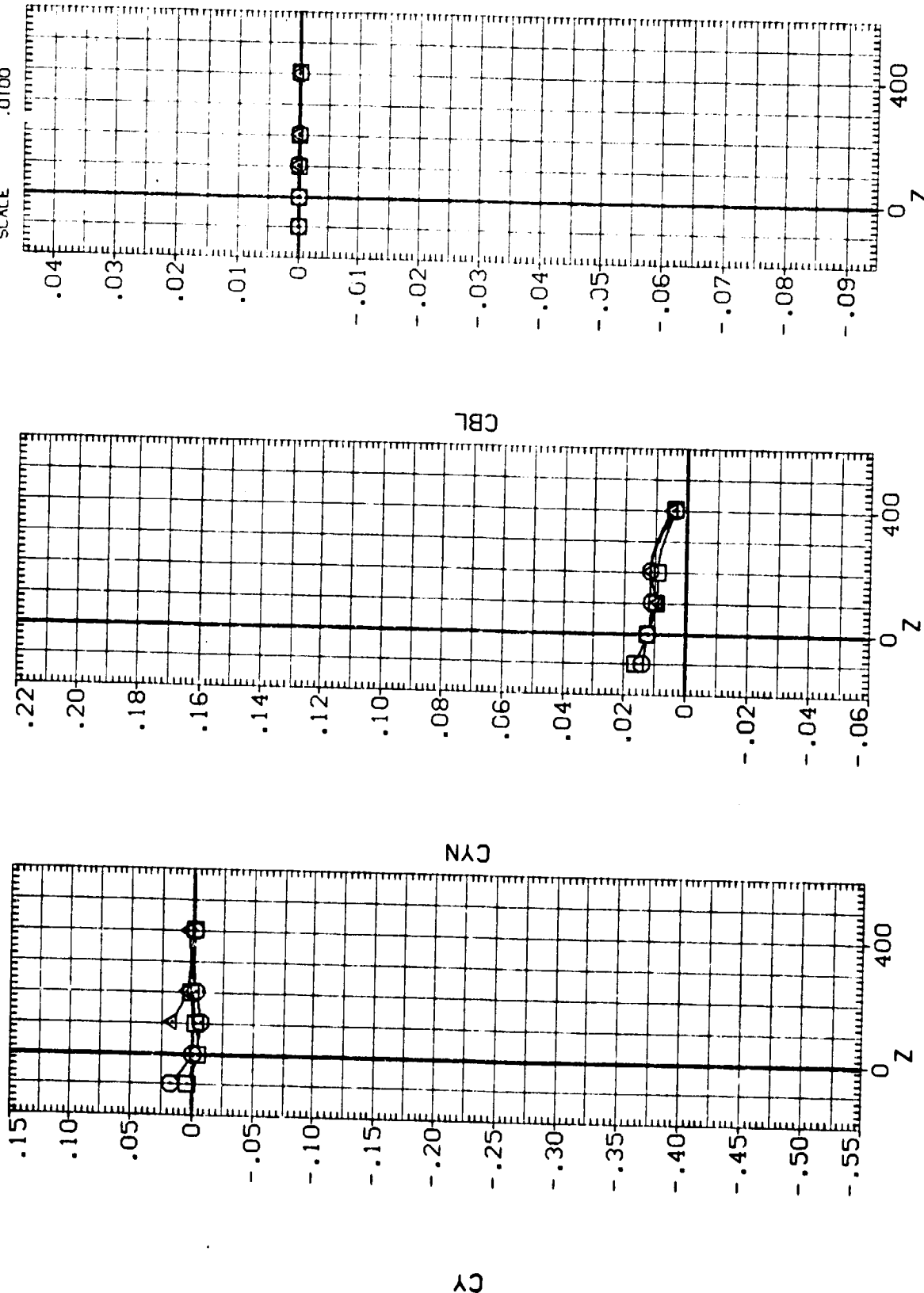


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFO	ION
(ATU090)	AEDC/VA528(1A87)-01ET151-R/H	SRB SEPAR. FROM O/ET	.000	-4.000	300.000	4.520	SREF 2650.0000	50.FT.
(ATU091)	AEDC/VA528(1A87)-01ET151-R/H	SRB SEPAR. FROM O/ET	.000	-4.000	300.000	4.520	LREF 1290.3000	INCHES
(ATU094)	AEDC/VA528(1A87)-01ET151-R/H	SRB SEPAR. FROM O/ET	-5.000	-4.000	300.000	4.520	BREF 1290.3000	INCHES
							XMRP 1258.5000	IN. XS
							YMRP .0000	IN. YS
							ZMRP 400.0000	IN. ZS
							SCALE .0100	

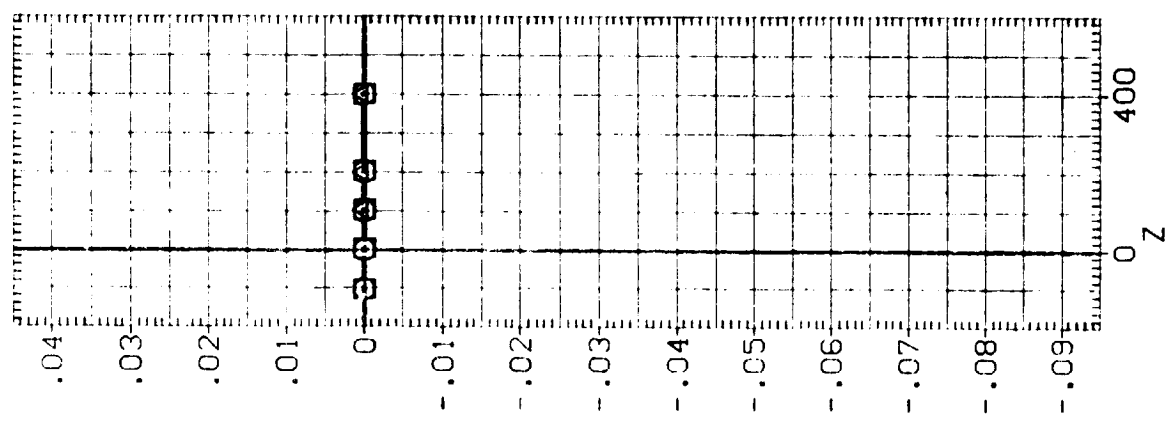
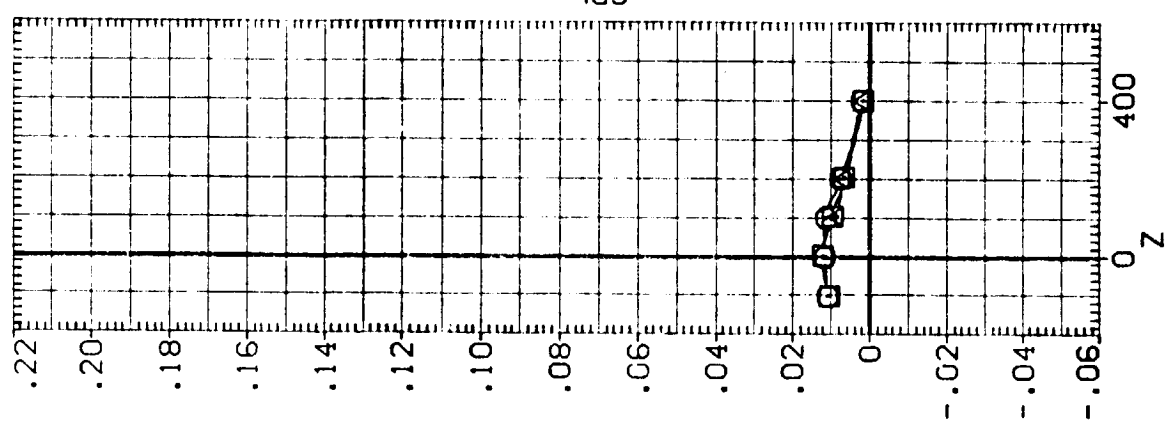
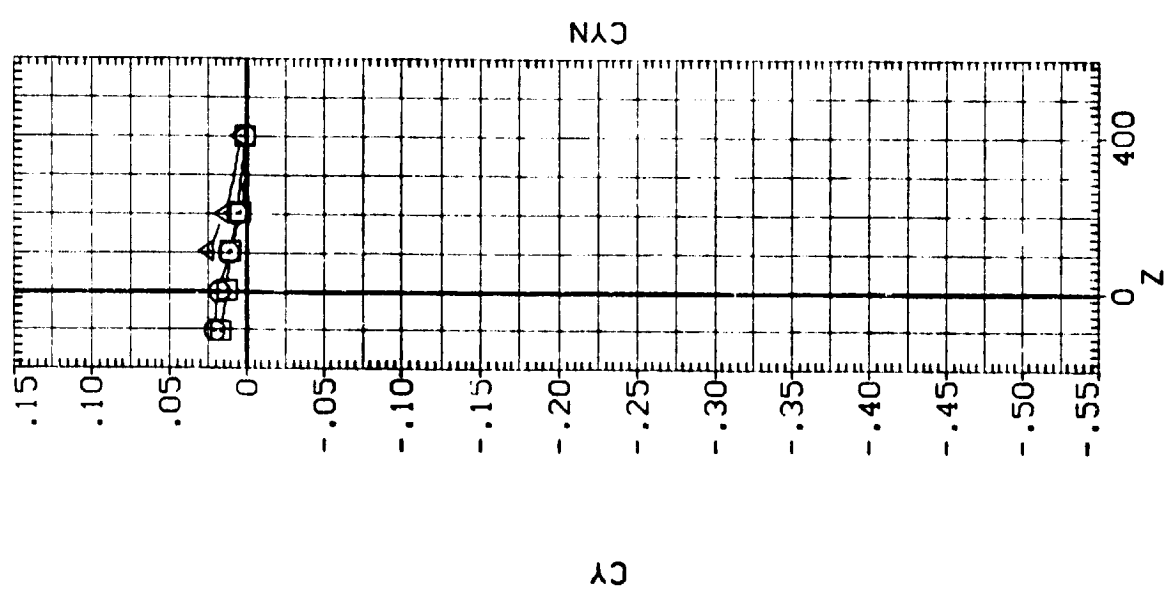


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)

(CY) = 200.00



[illegible]

( ATU090 )  
( ATU091 )  
( ATU094 )

AED  
AED  
AED

C/V/C

RESOLUTION DESCRIPTION

SEPAR. FROM Q/ET	.000	DALPHA
SEPAR. FROM Q/ET	5.000	
SEPAR. FROM Q/ET	-5.000	

DBETA	X
-4.000	300.000
-4.000	300.000
-4.000	300.000

MACH	REFERENCE	INFORM
4.520	SREF	2690.0000
4.520	LREF	1290.3000
4.520	BREF	1290.3000
	XMRP	1258.5000
	YMRP	9300
	ZMRP	400.0000
	SCALE	0100

TION  
SQ. FT.  
INCHES  
INCHES  
IN. XS  
IN. YS  
IN. ZS

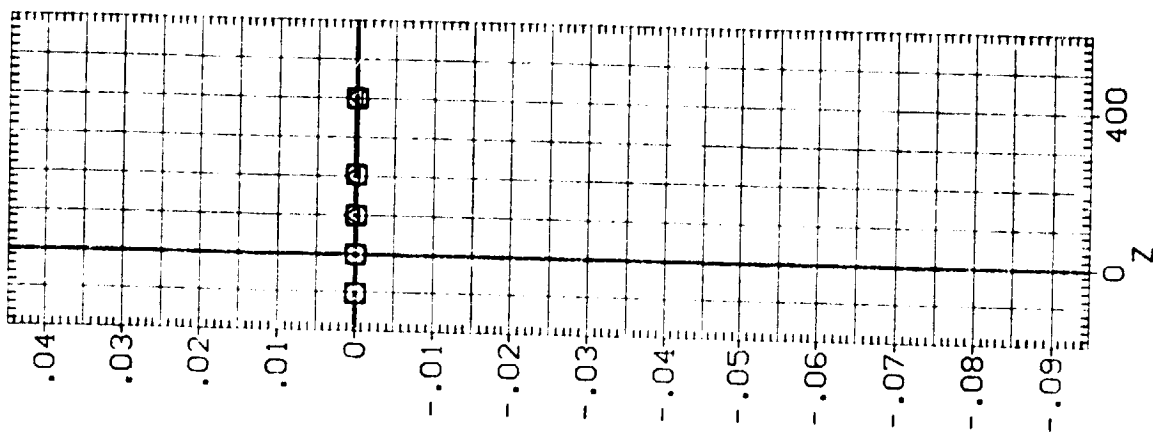
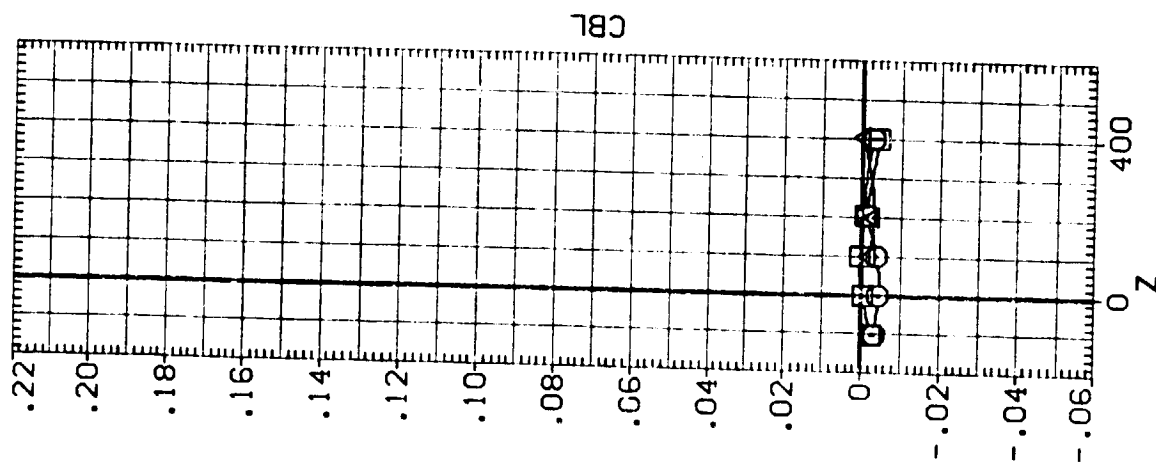
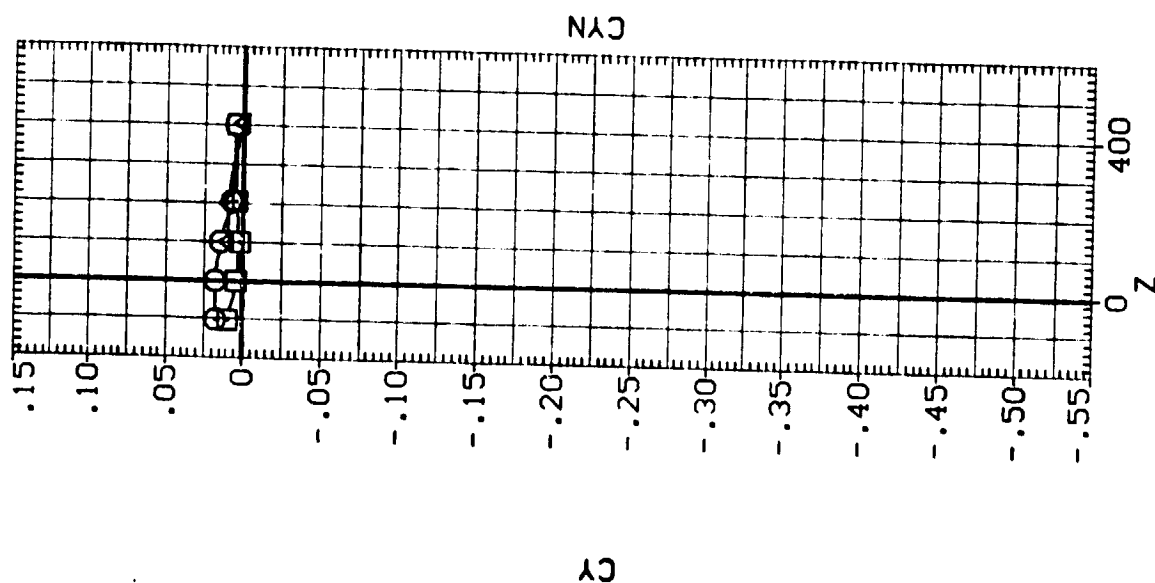


FIG.7 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)

(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU095)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM 0/ET	.000	-8.000	.000	4.520	REF 2690.0000 SQ.FT.
(ATU098)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM 0/ET	.000	-8.000	.000	4.520	LREF 1290.3000 INCHES
(ATU099)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM 0/ET	.000	-8.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP .0100 IN. ZS
							SCALE

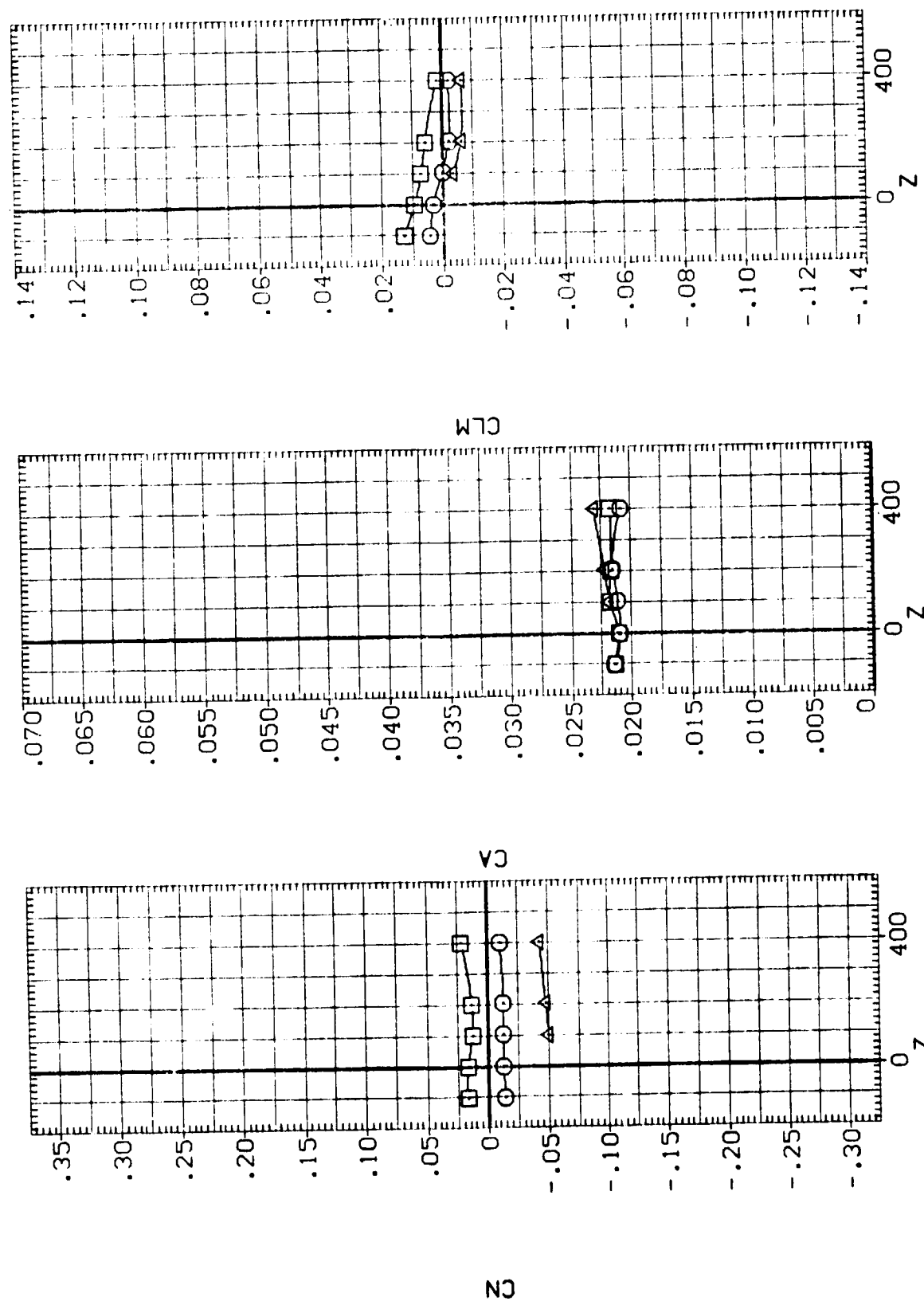


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=0 BETA=5.4)

(C)Y =200.00

# DATA SET SYMBOL

(ATU095)  
(ATU098)  
(ATU099)



## CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-01ETISI-R/H  
AEDC/VAS28(1A87)-01ETISI-R/H  
AEDC/VAS28(1A87)-01ETISI-R/H

SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET

DALPHA  
.000  
5.000  
-5.000

DBETA  
-8.000  
-8.000  
-8.000

X  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

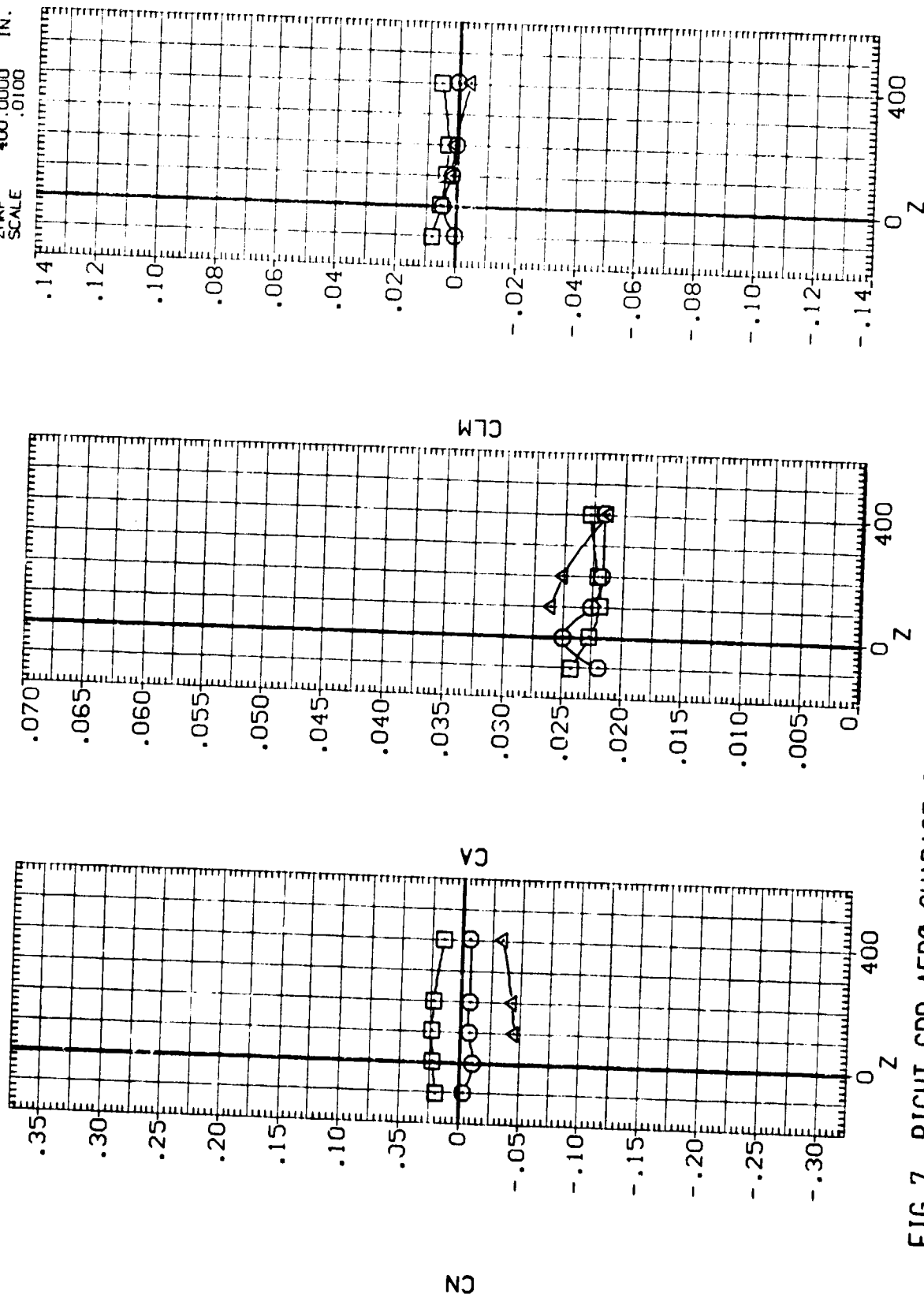


FIG.7 RIGHT SRB AERO CHARACTERISTICS FROM 0/ET (ALPHA=0 BETA=5.4)  
(DY = 400.00)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATJ095)	AEDC/VA528(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	.000	-8.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATJ098)	AEDC/VA528(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	.000	-8.000	.000	4.520	LREF 1290.3000 INCHES
(ATJ099)	AEDC/VA528(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	-5.000	-8.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP .0000 IN. XS
							ZMRP .0000 IN. YS
							SCALE 400.0000 IN. ZS
							.0100

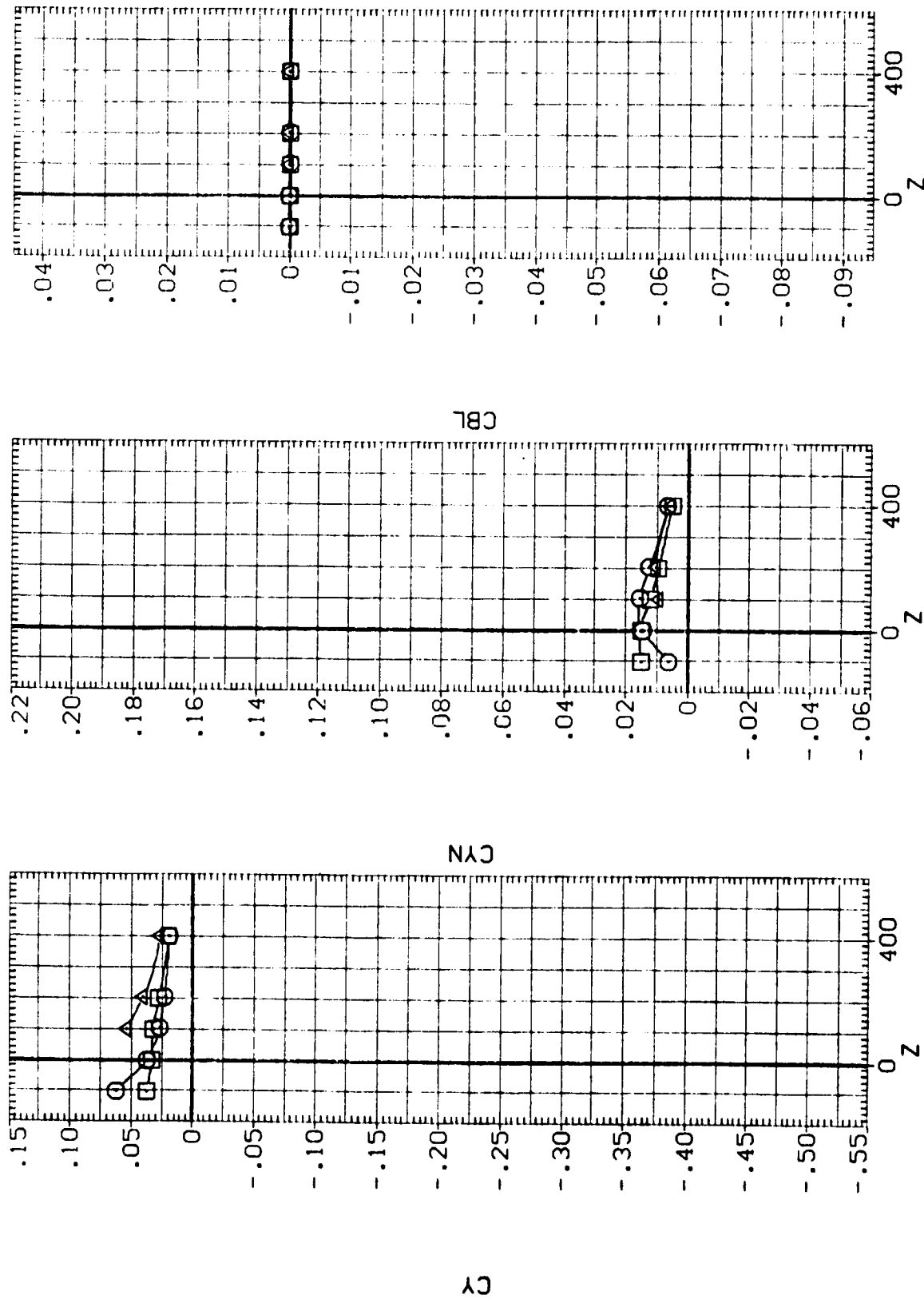
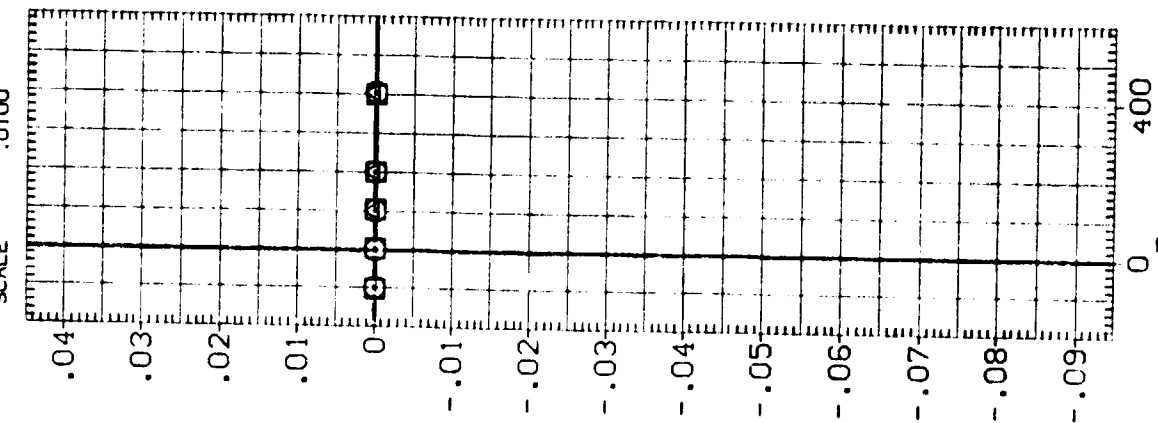


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)

(C)Y =200.00

REFERENCE INFORMATION		
SREF	2690.0000	SQ.FT.
LREF	1290.3000	INCHES
BREF	1290.3000	INCHES
XMRP	1258.5000	IN. XS
YMRP	.0000	IN. YS
ZMRP	400.0000	IN. ZS
SCALE	.0100	



(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU096)	AEDC/VAS28(1A87)-CIETISI-R/H	SRB SEPAR. FROM O/ET	.000	-8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU097)	AEDC/VAS28(1A87)-CIETISI-R/H	SRB SEPAR. FROM O/ET	5.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU100)	AEDC/VAS28(1A87)-CIETISI-R/H	SRB SEPAR. FROM O/ET	-5.000	-8.000	300.000	4.520	BREF 1290.3000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

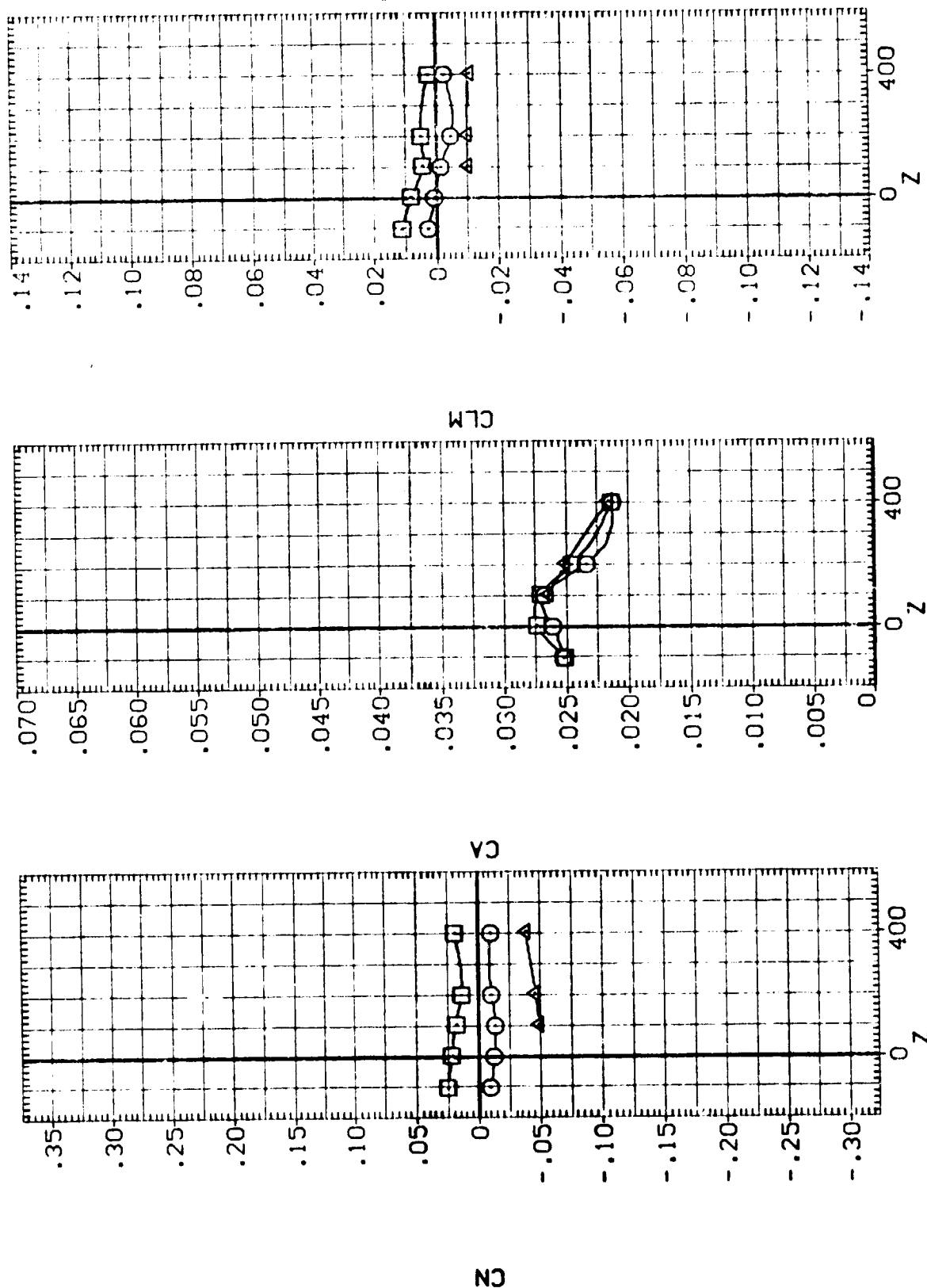


FIG.7 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=0 BETA=5.4)

(C)Y =200.00

REFERENCE INFORMATION	
SREF	2690.0000 SO.FT. INCHES
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1258.5000 IN. XS
YMRP	.0000 IN. YS
ZMRP	400.0000 IN. ZS
SCALE	0.000

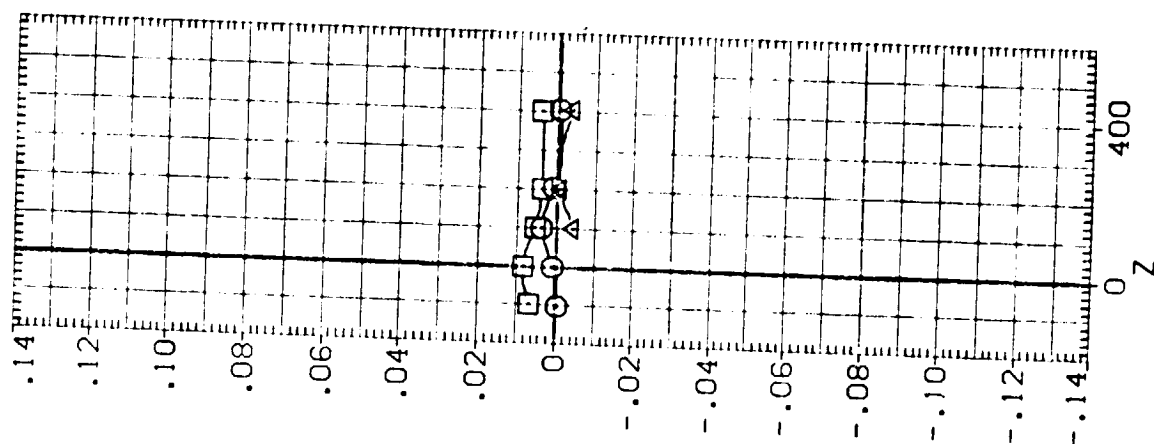
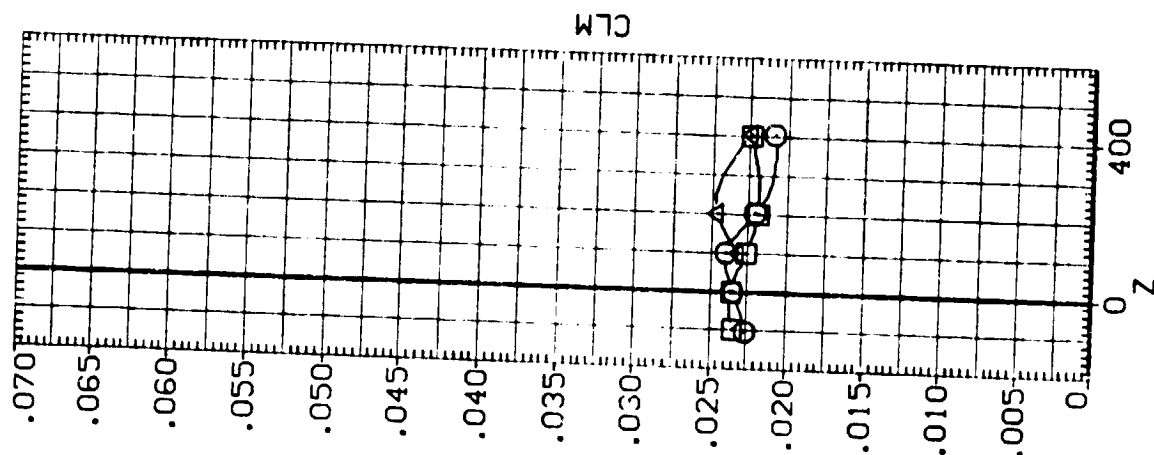
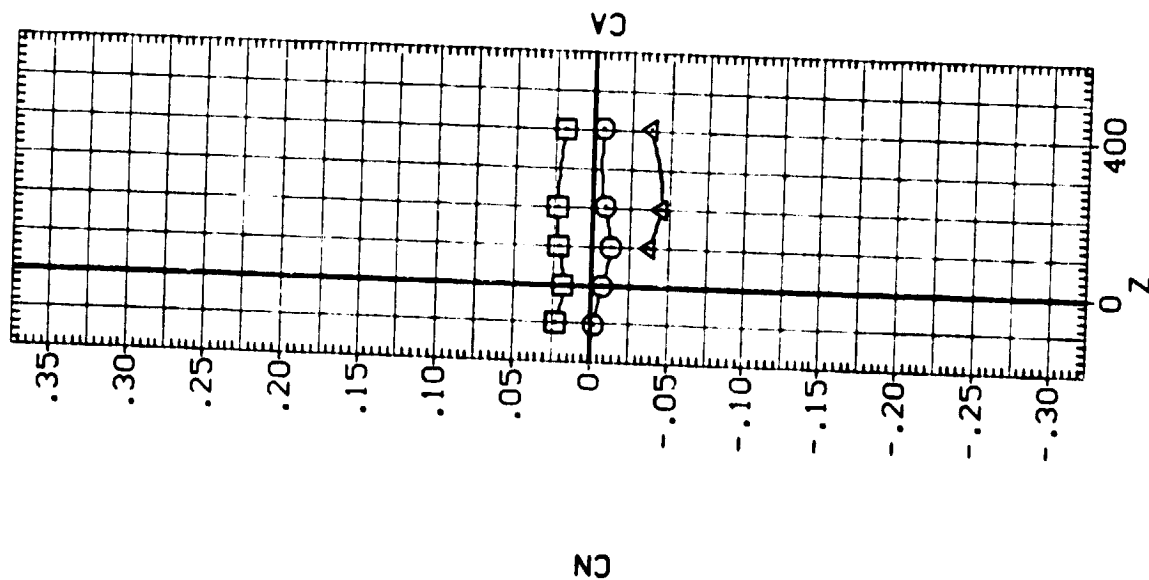


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=5.4)  
COY =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATJ096)	AEDC/VAS28(1A87)-O1ETIS1-R/H	SRB SEPAR. FROM O/EI	.000	-8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATJ097)	AEDC/VAS28(1A87)-O1ETIS1-R/H	SRB SEPAR. FROM O/EI	5.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATJ100)	AEDC/VAS28(1A87)-O1ETIS1-R/H	SRB SEPAR. FROM O/EI	-5.000	-8.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

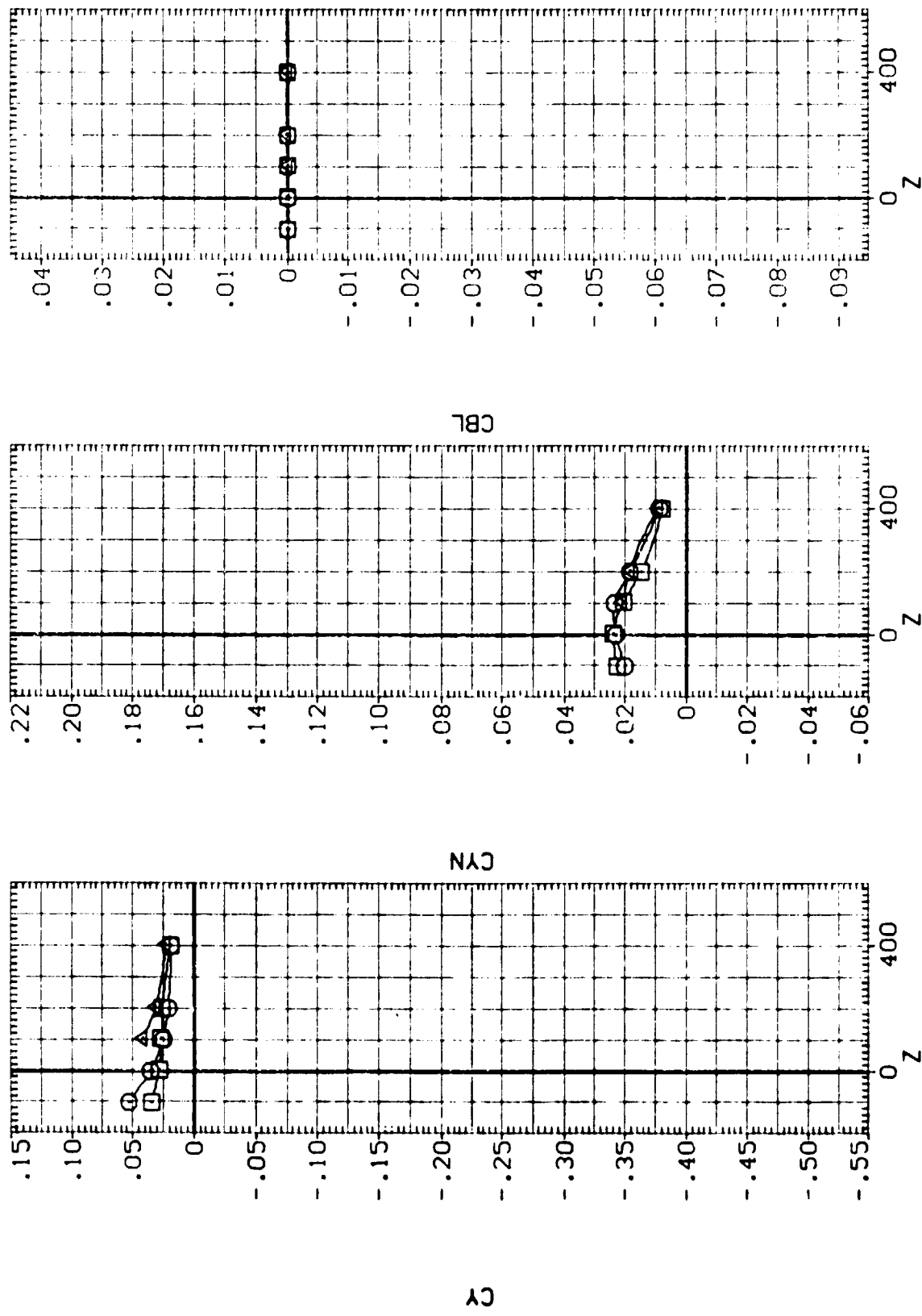


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM O/EI (ALPHA=0 BETA=5.4)

(C)Y =200.00



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM 0/ET	SRB SEPAR. FROM 0/ET	SRB SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU096)	□	AEDC/VA528(1A87)-01ET151-R/H	SRB SEPAR. FROM 0/ET	SRB SEPAR. FROM 0/ET	SRB SEPAR. FROM 0/ET	.000	-8.000	300.000	4.520	SREF 2650.0000 SQ.FT.
(ATU097)	□	AEDC/VA528(1A87)-01ET151-R/H	SRB SEPAR. FROM 0/ET	SRB SEPAR. FROM 0/ET	SRB SEPAR. FROM 0/ET	.000	-8.000	300.000	4.520	LREF 1230.3000 INCHES
(ATU100)	□	AEDC/VA528(1A87)-01ET151-R/H	SRB SEPAR. FROM 0/ET	SRB SEPAR. FROM 0/ET	SRB SEPAR. FROM 0/ET	-5.000	-8.000	300.000	4.520	BREF 1230.3000 INCHES
										XMRP 1258.5000 IN. XS
										YMRP .0000 IN. YS
										ZMRP 400.0000 IN. ZS
										SCALE .0100

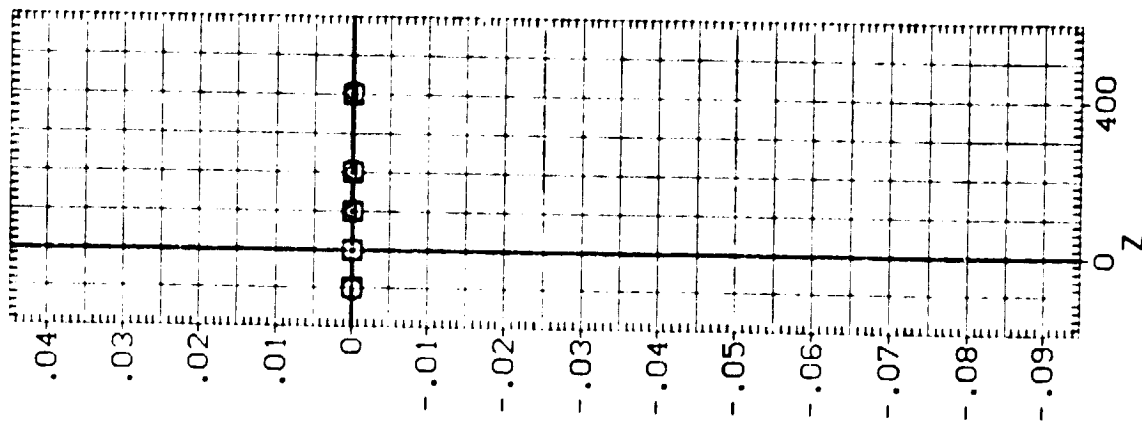
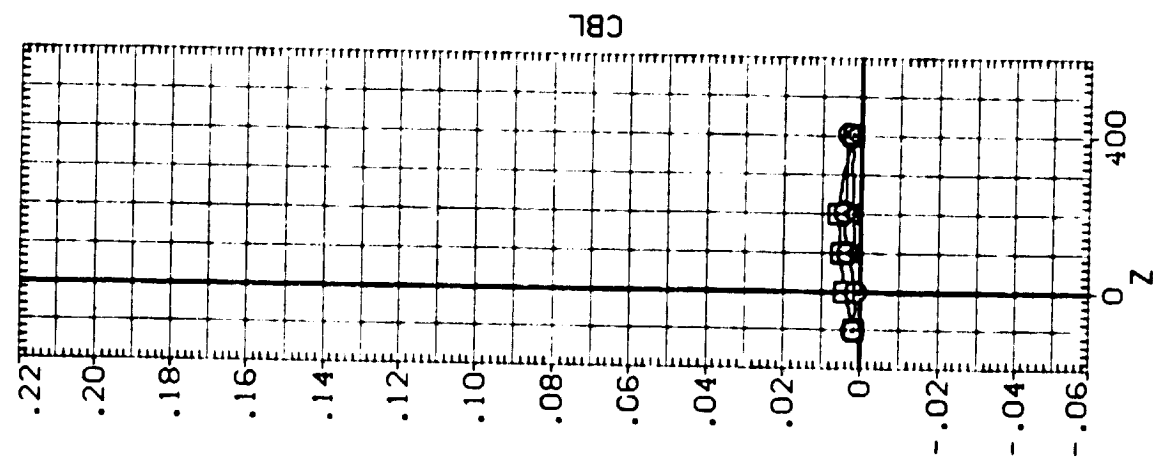
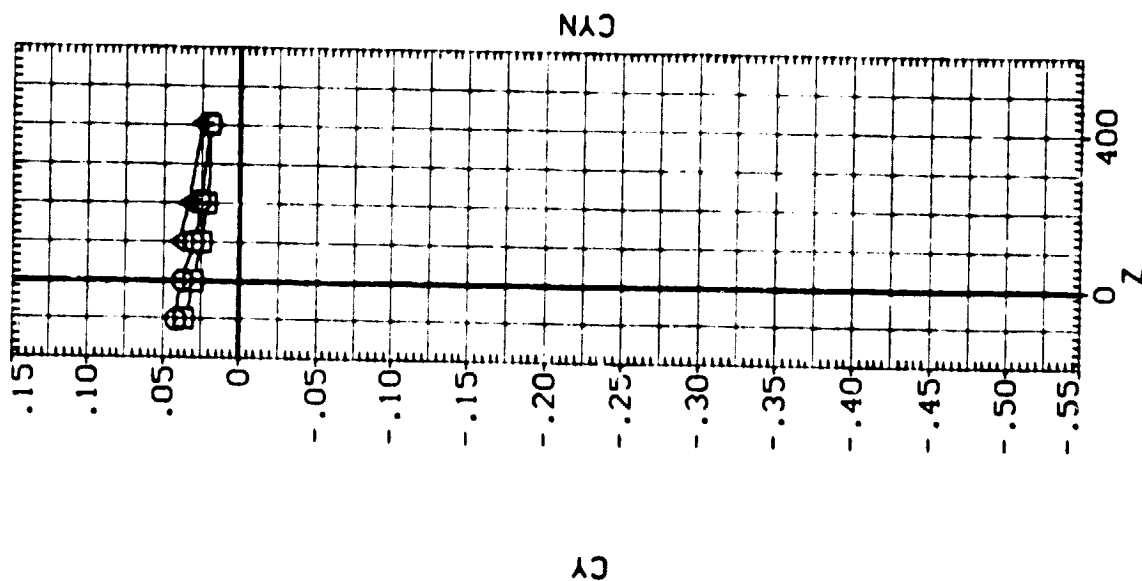


FIG.7 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=0 BETA=5.4)

(D)Y =400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM O/ET	DELTA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI19)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB	SEPAR. FROM O/ET	.200	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI22)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB	SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI23)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB	SEPAR. FROM O/ET	-4.900	.000	.000	4.520	BREF 1290.3000 INCHES
								YMRP 1258.5000 IN. XS
								ZMRP .0000 IN. YS
								SCALE 400.0000 IN. ZS

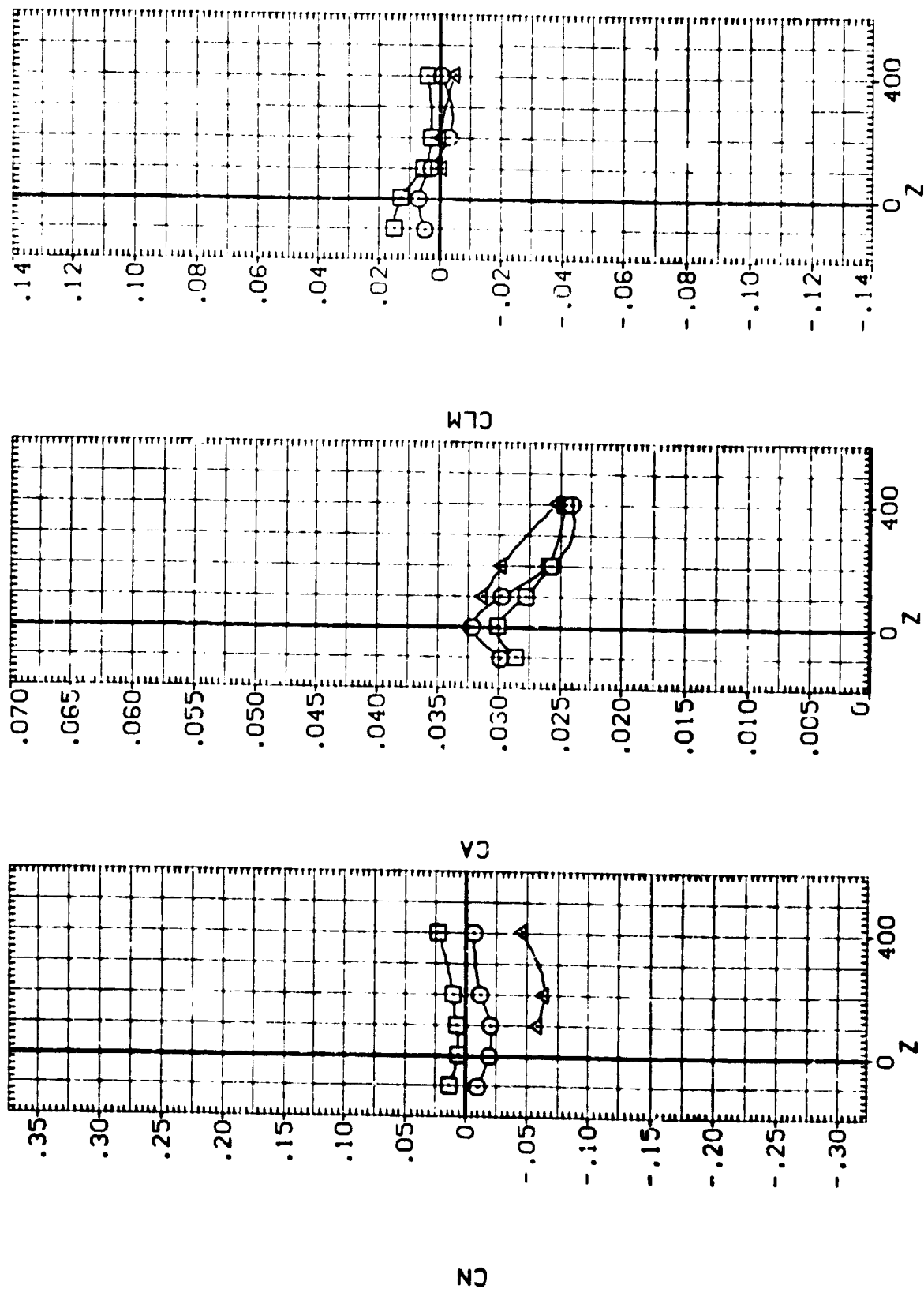


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)

(B)Y =100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DPETA	X	MACH	REFERENCE INFORMATION
(ATUI19)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	.200	.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATUI22)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI23)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	-4.900	.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

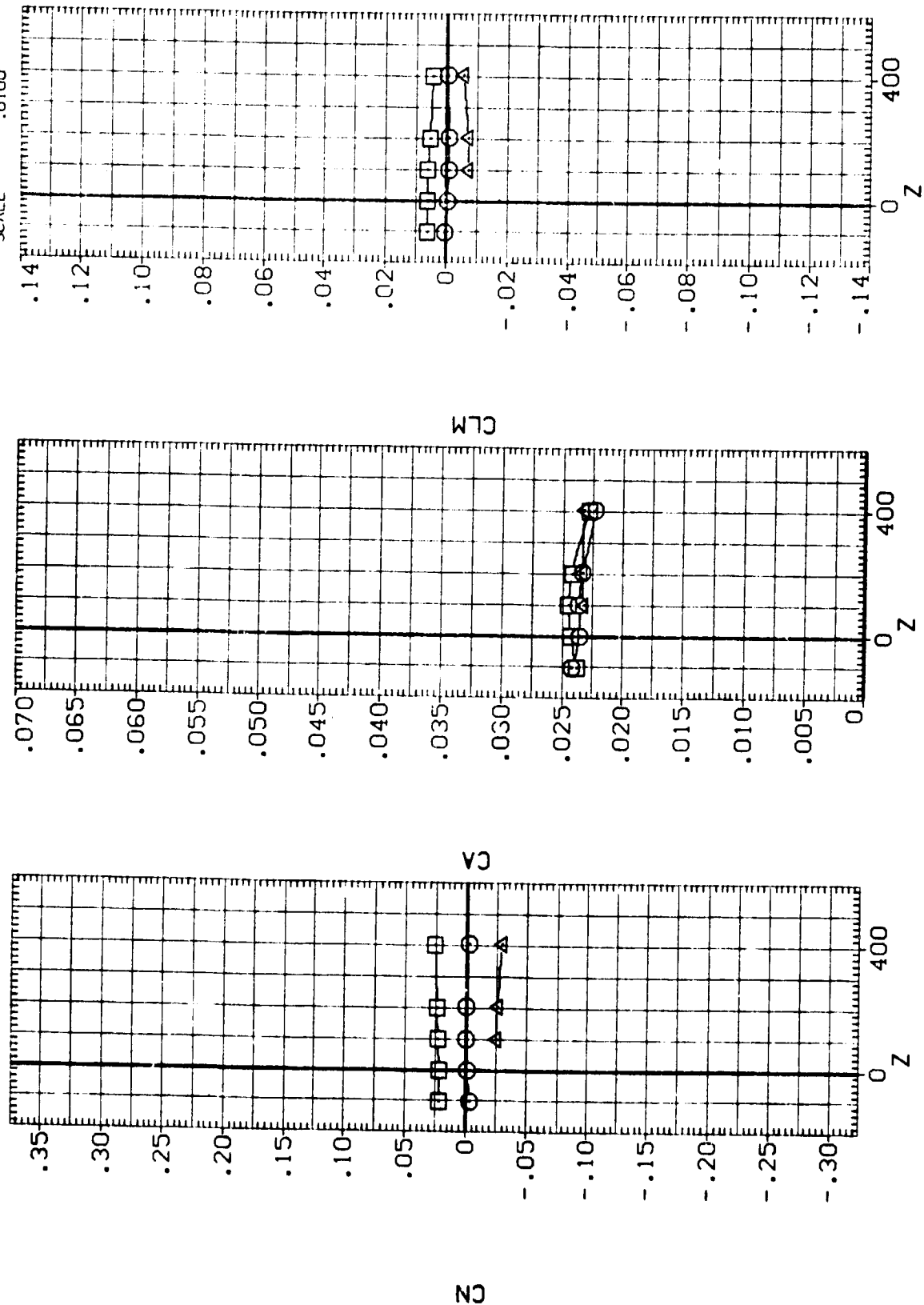


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU119)	AECD/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	.200	.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU122)	AECD/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU123)	AECD/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	-4.500	.000	.000	4.520	BREF 1290.3000 INCHES
									XMRP 1258.5000 IN. XS
									YMRP .0000 IN. YS
									ZMRP 400.0000 IN. ZS
									SCALE .0100

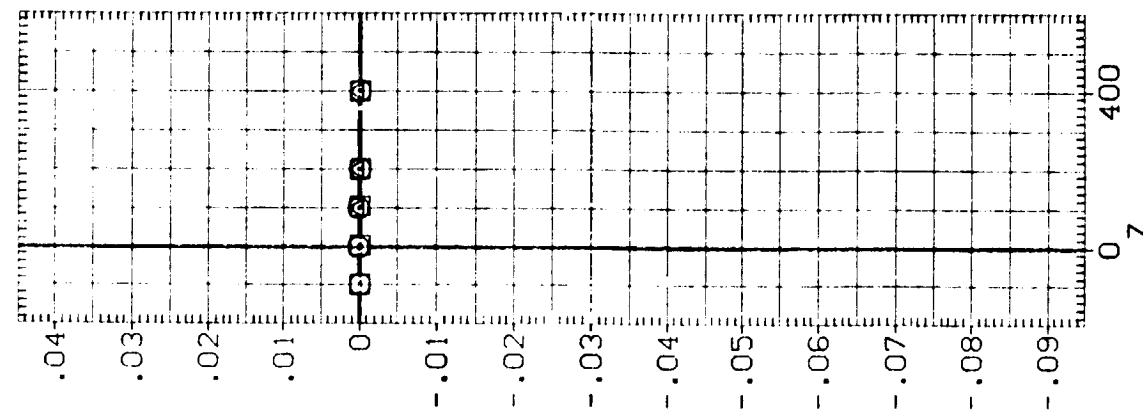
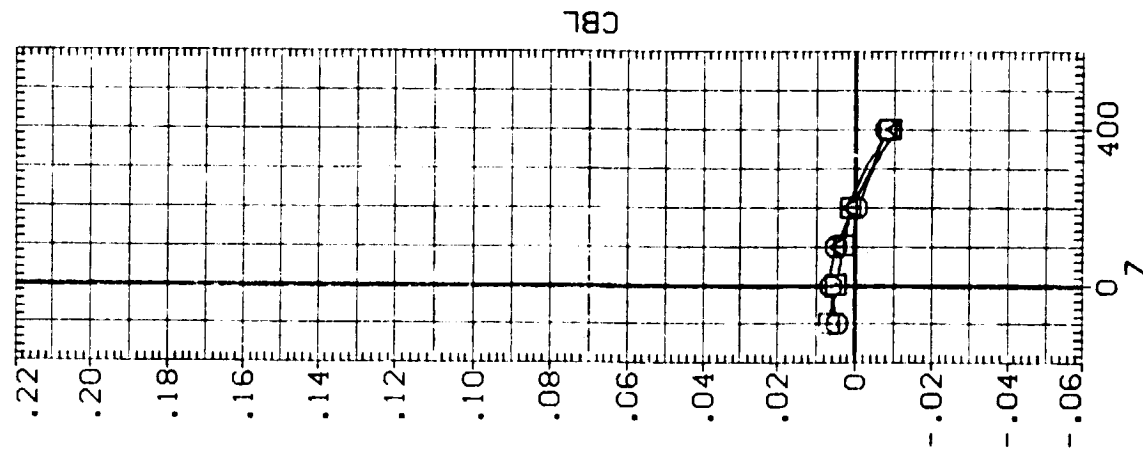
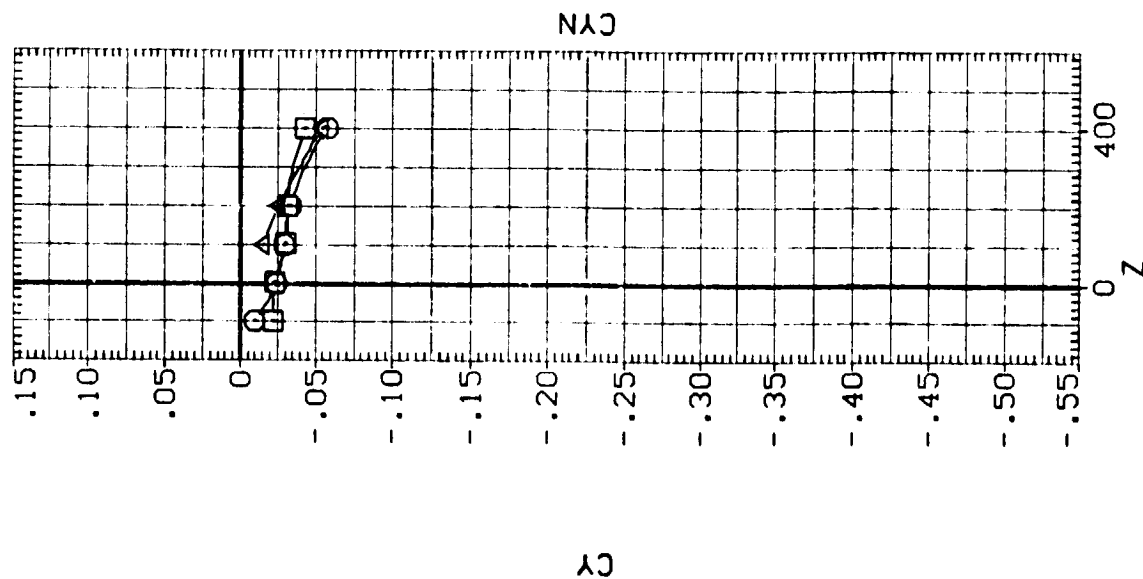


FIG.8 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU119) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET

(ATU122) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET

(ATU123) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU119) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET

(ATU122) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET

(ATU123) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU119) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET

(ATU122) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET

(ATU123) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET

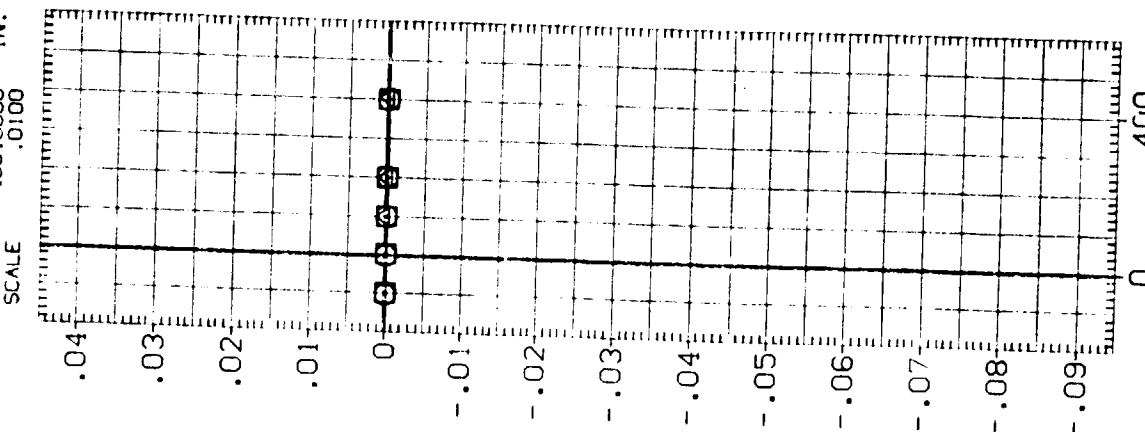
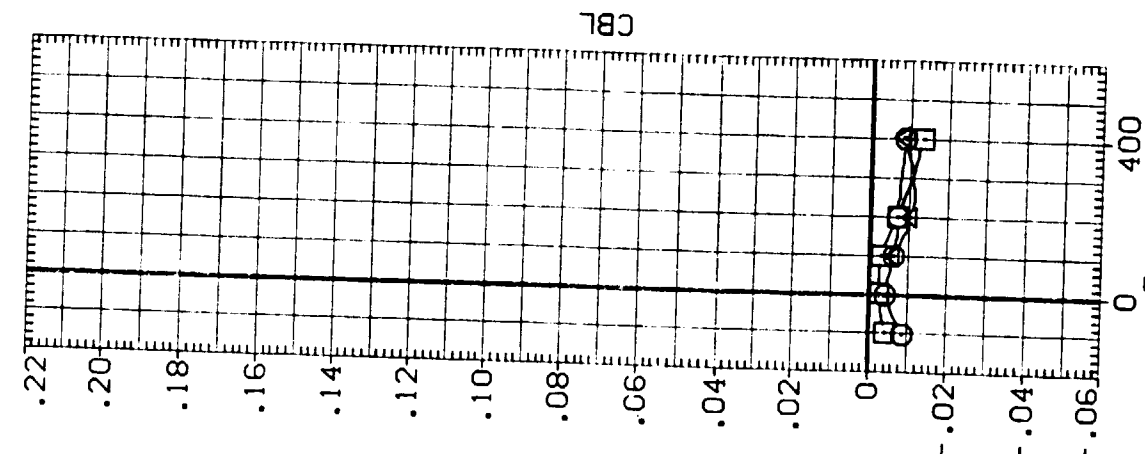
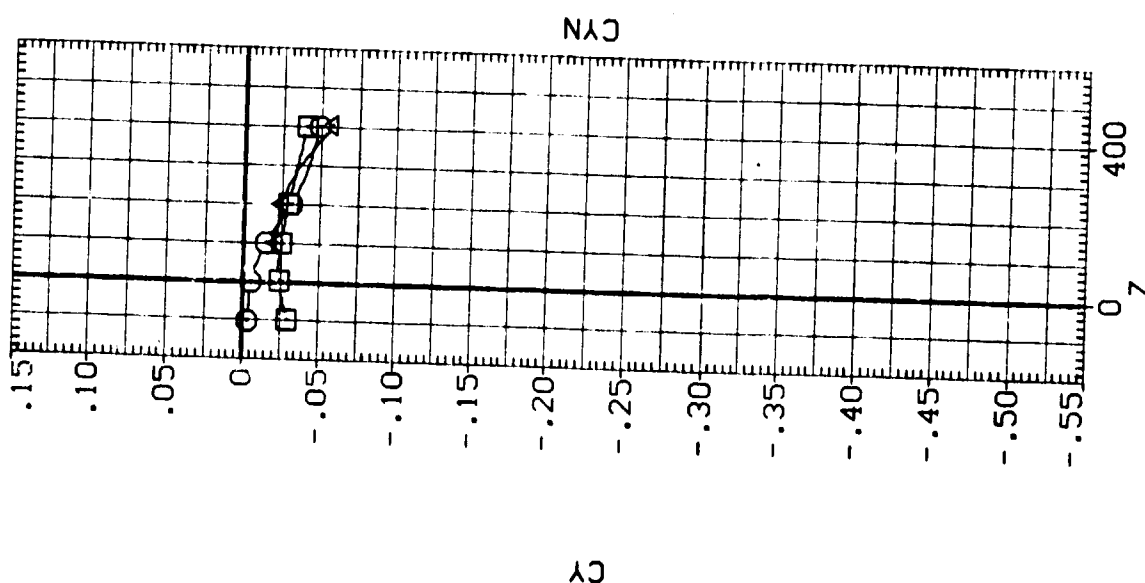


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=0 BETA=10.9)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFO.
(ATU119)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU122)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU123)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.500	.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

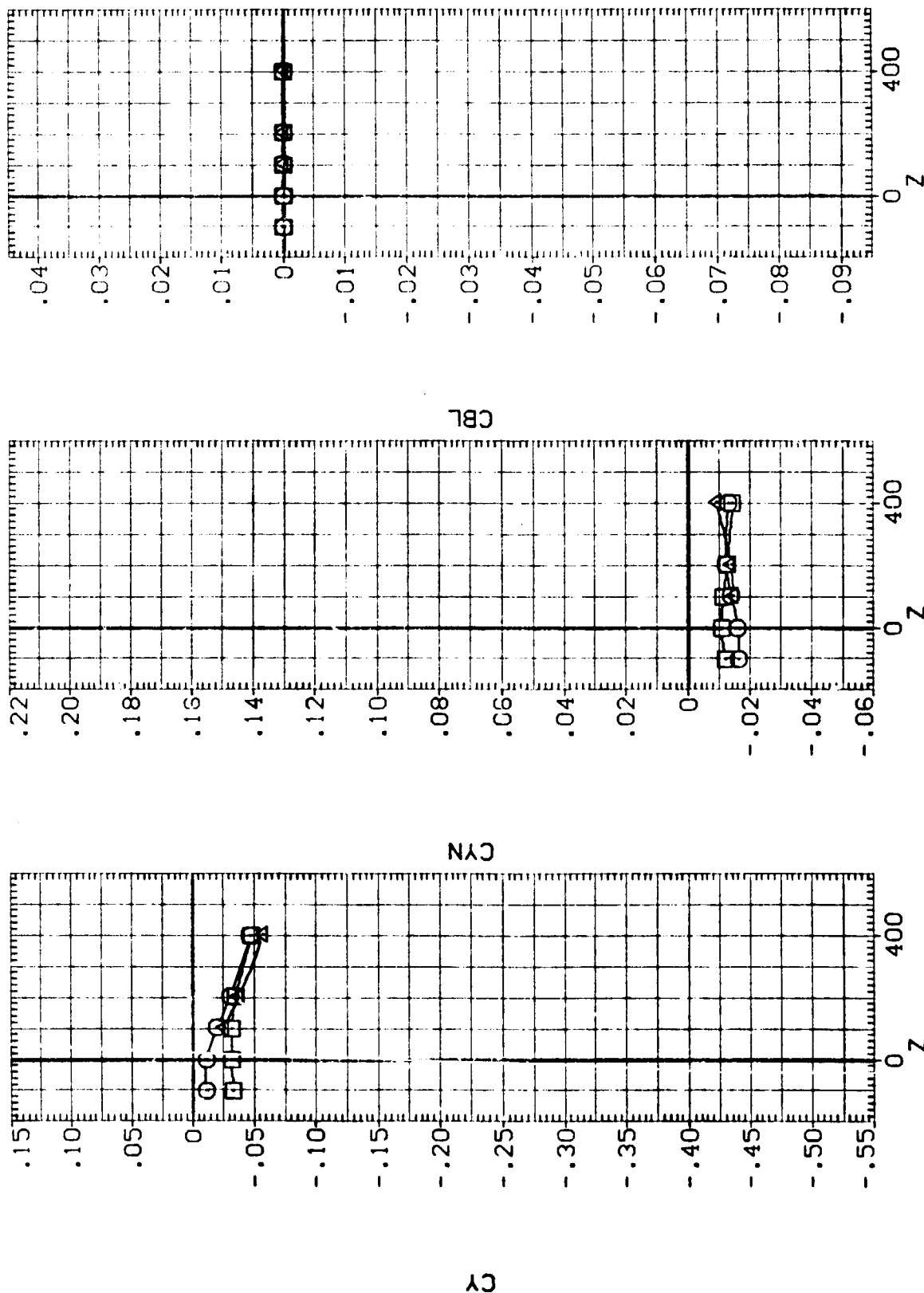


FIG.8 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=0 BETA=10.9)

(CY) =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI19)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI22)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI23)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.900	.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

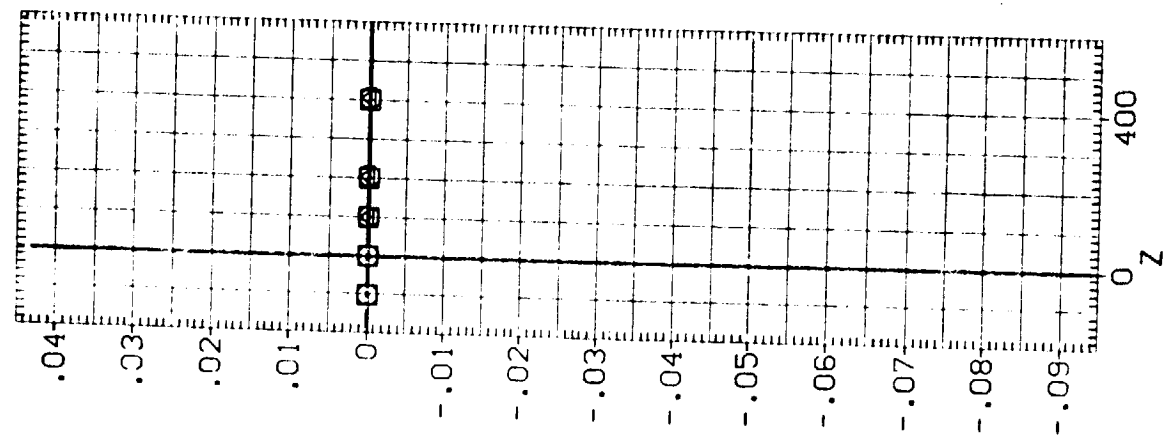
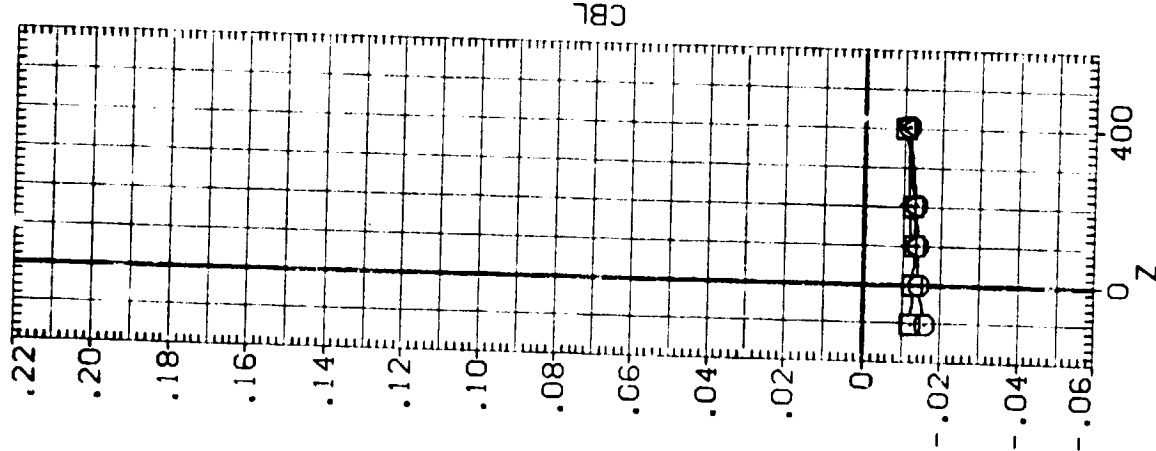
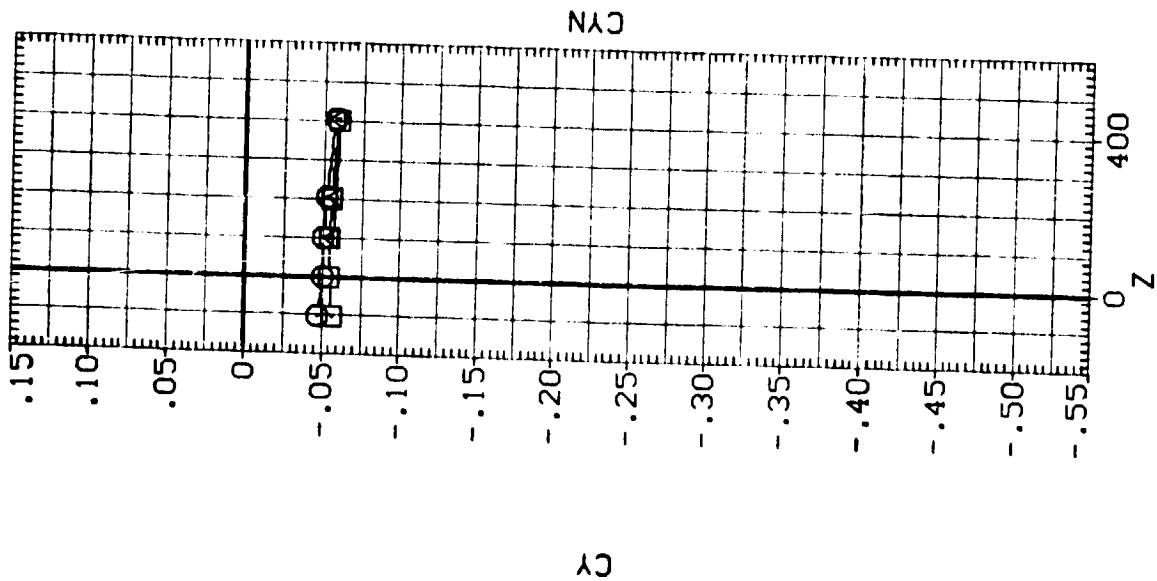


FIG.8 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)

(D) Y = 400.00

DATA SET SYMBOL  
 (ATUI20)  
 (ATUI21)  
 (ATUI24)

CONFIGURATION DESCRIPTION  
 AEDC/VA528(IAB7)-01ET1SI-R/H  
 AEDC/VA528(IAB7)-01ET1SI-R/H  
 AEDC/VA528(IAB7)-01ET1SI-R/H

SRB SEPAR. FROM 0/ET  
 SRB SEPAR. FROM 0/ET  
 SRB SEPAR. FROM 0/ET

DALPHA  
 .200  
 5.200  
 -4.900

DBETA  
 .000  
 .000  
 .000

X  
 300.000  
 300.000  
 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFO  
 SREF 2690.0000 SO. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 YMRP 1258.5000 IN. XS  
 ZMRP .0000 IN. YS  
 SCALE 400.0000 IN. ZS  
 .0100

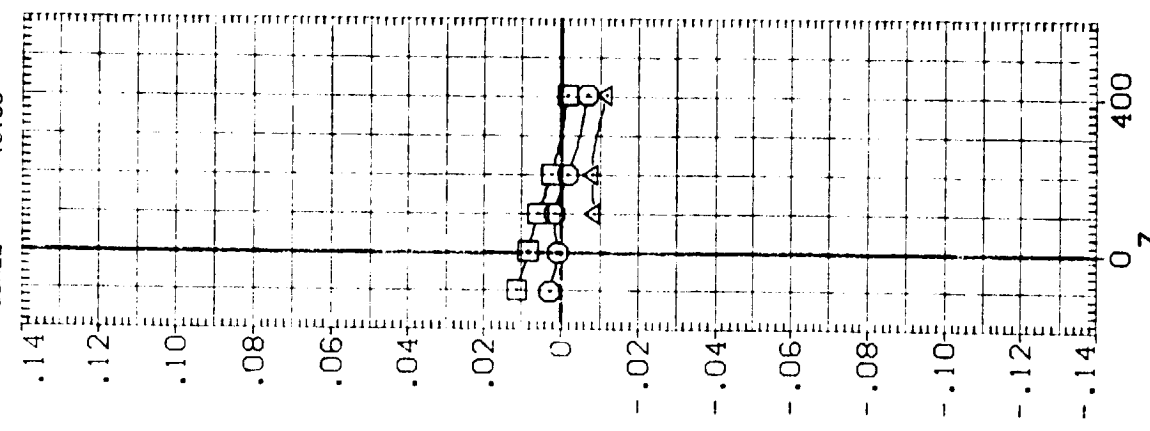
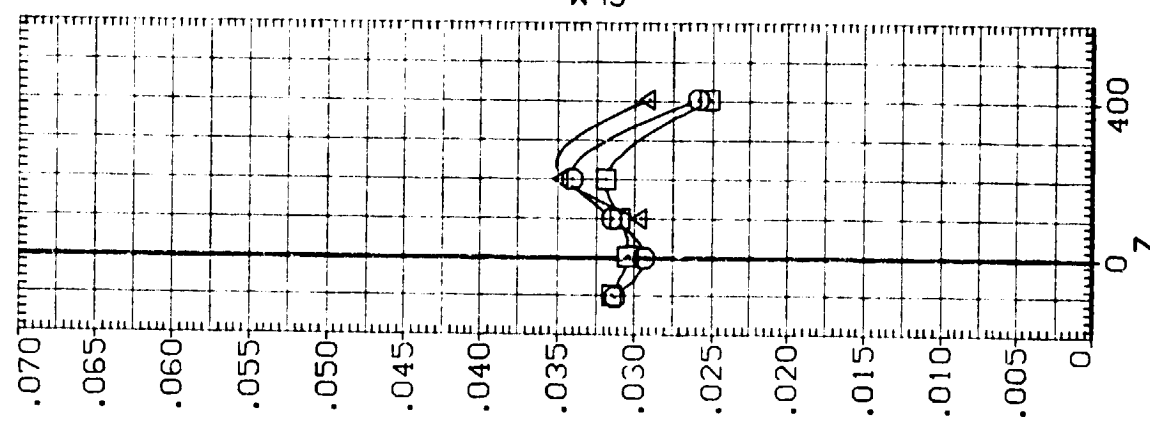
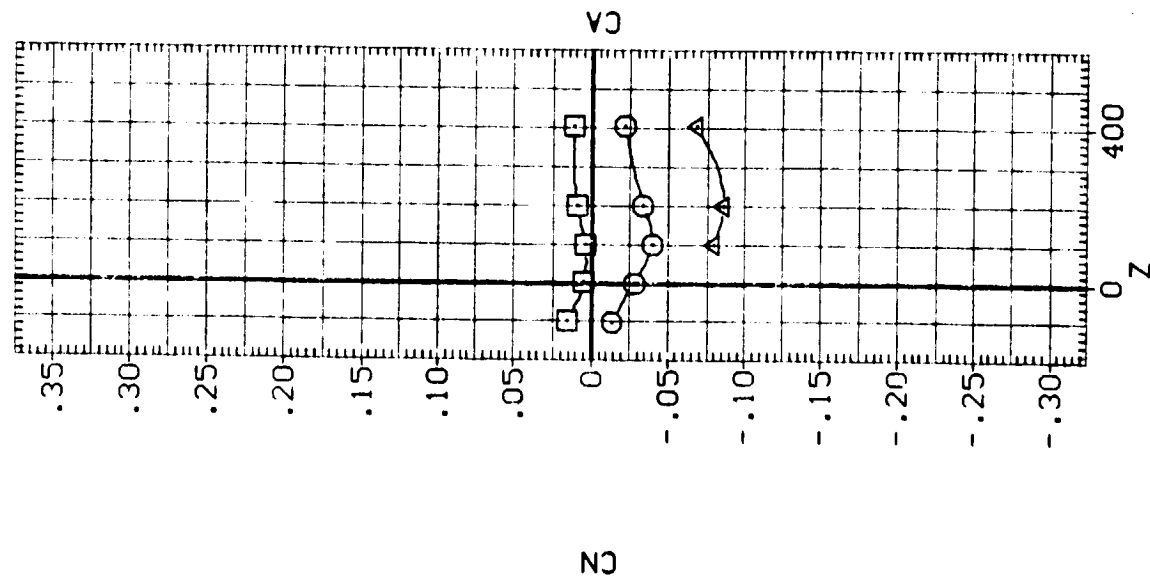


FIG.8 RIGHT SRB AERO CHARACTER SEPARATING FROM 0/ET (ALPHA=0 BETA=10.9)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU120)	AEDC/VAS28(IAB7)-O1ETISI-R/H	SRB SEPAR. FROM O/E/T	.200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU121)	AEDC/VAS28(IAB7)-O1ETISI-R/H	SRB SEPAR. FROM O/E/T	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU124)	AEDC/VAS28(IAB7)-O1ETISI-R/H	SRB SEPAR. FROM O/E/T	-4.500	.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

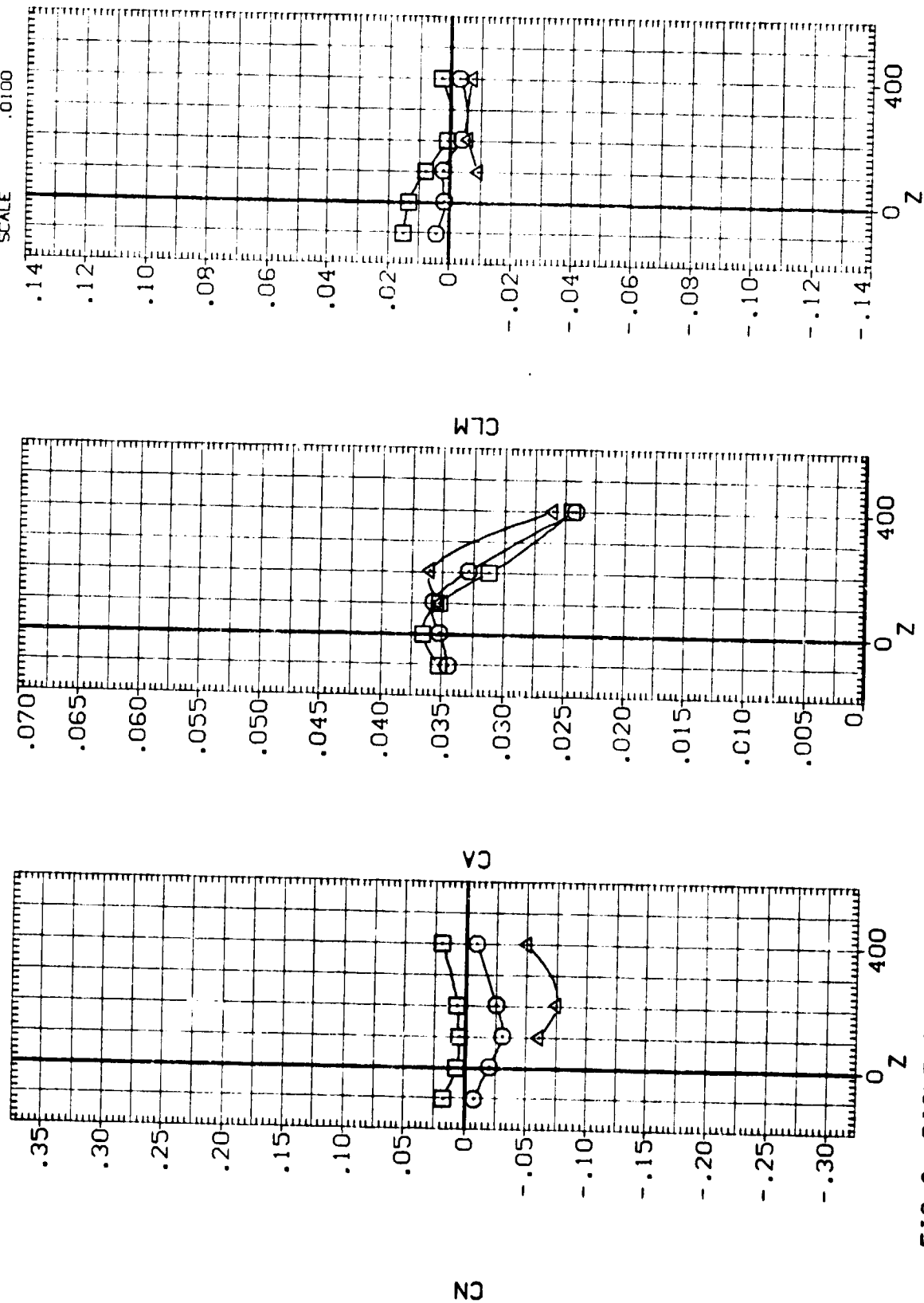


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=0 BETA=10.9)

(B)Y =100.00



DATA SET SYMBOL  
(ATUI20)  
(ATUI21)  
(ATUI24)

CONFIGURATION DESCRIPTION  
AEDC/VA528(1A87)-01ETIS1-R/H  
AEDC/VA528(1A87)-01ETIS1-R/H  
AEDC/VA528(1A87)-01ETIS1-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
.200  
5.200  
-4.900

DBETA  
.000  
.000  
.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000  
LREF 1290.3000  
BREF 1290.3000  
YMRP 1258.5000  
ZMRP 400.0000  
SCALE .0100

SO. FT.  
INCHES  
IN. XS  
IN. YS  
IN. ZS

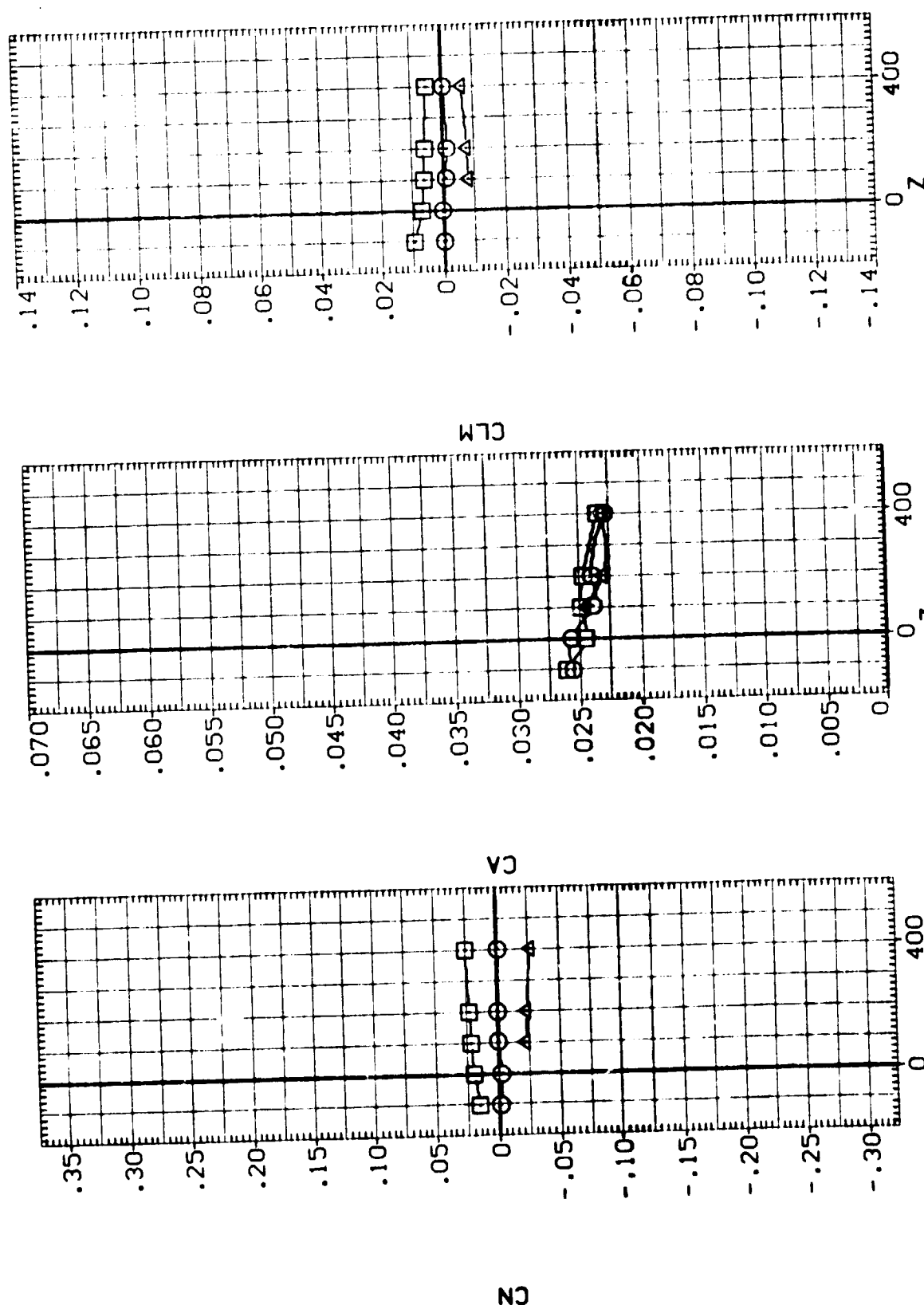


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)

(D)Y =400.00



( ATU120 )  
( ATU121 )  
( ATU124 )

CONFIGURATION	DESCRIPTION
AEDC/VA528 (A87)	-01ETISI-R/H
AEDC/VA528 (A87)	-01ETISI-R/H
AEDC/VA528 (A87)	-01ETISI-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
200  
5.200  
-4.900

ETA	X
.000	300
.000	300
.000	300

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION	
	SO. FT.
	INCHES
SREF	2690.0000
LREF	1290.3000
BREF	1290.3000
XMRP	1258.5000
YMRP	0000.0000
ZMRP	400.0000
SCALE	.0100

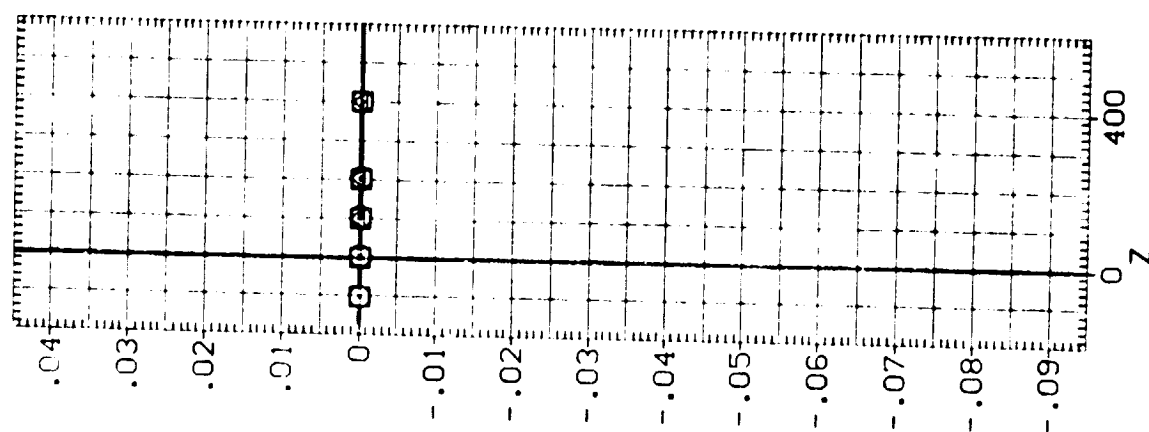
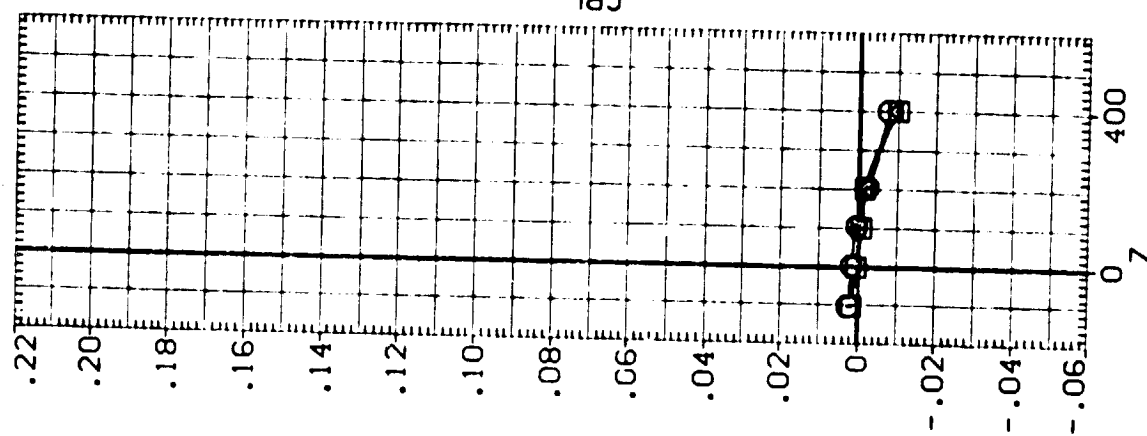
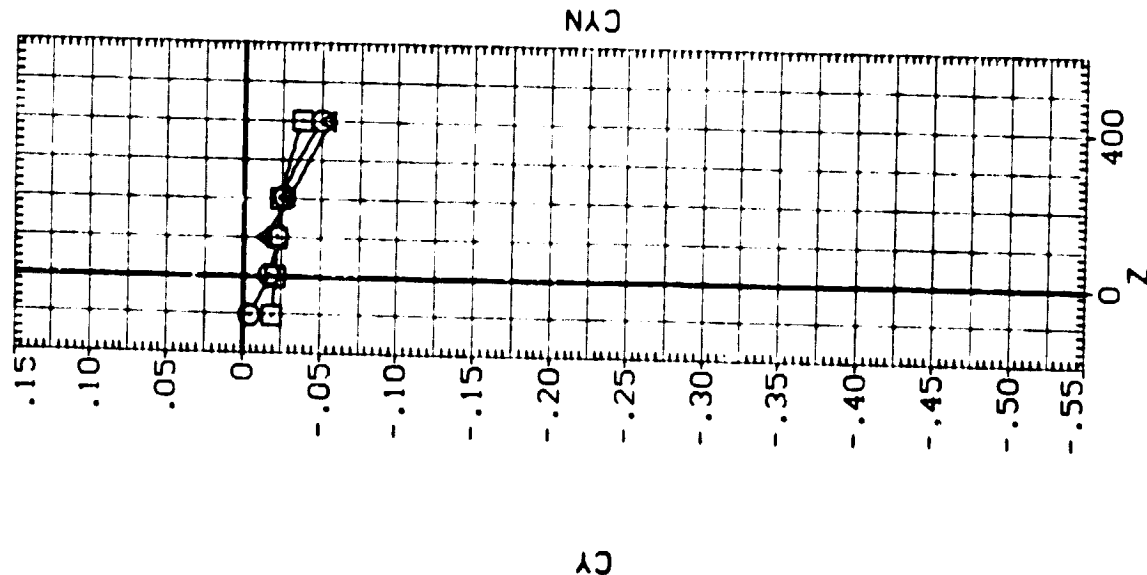


FIG.8 RIGHT SRB AERO CHARACTERISTICS FROM 0/ET (ALPHA=0 BETA=10.9)

(B)Y = 100.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATUI20) AEDC/VA528(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET  
 (ATUI21) AEDC/VA528(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET  
 (ATUI24) AEDC/VA528(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET



DALPHA DBETA X  
 .200 .000 300.000  
 5.200 .000 300.000  
 -4.900 .000 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SC.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

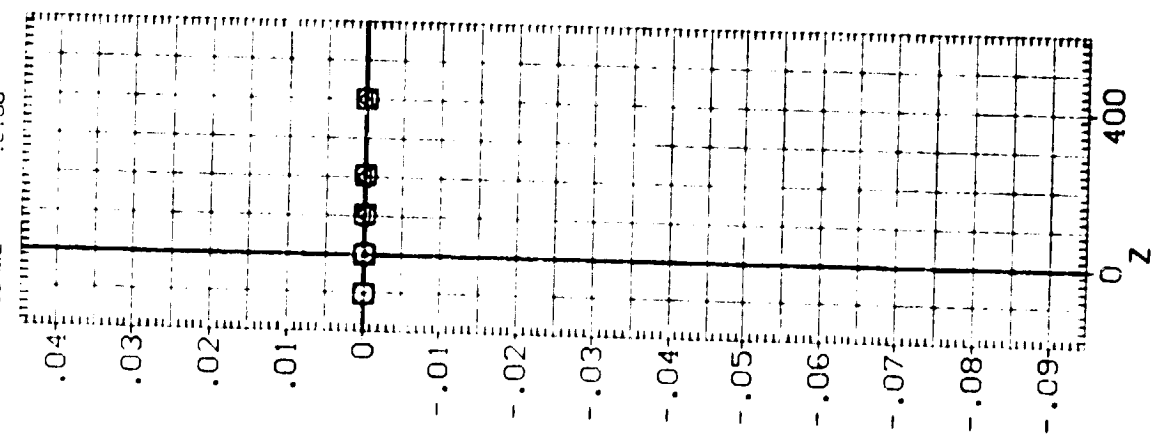
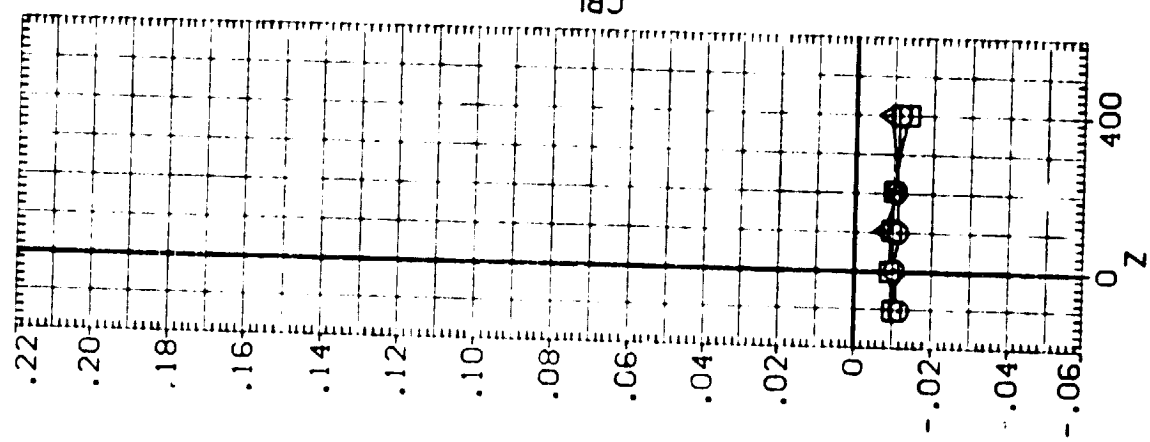
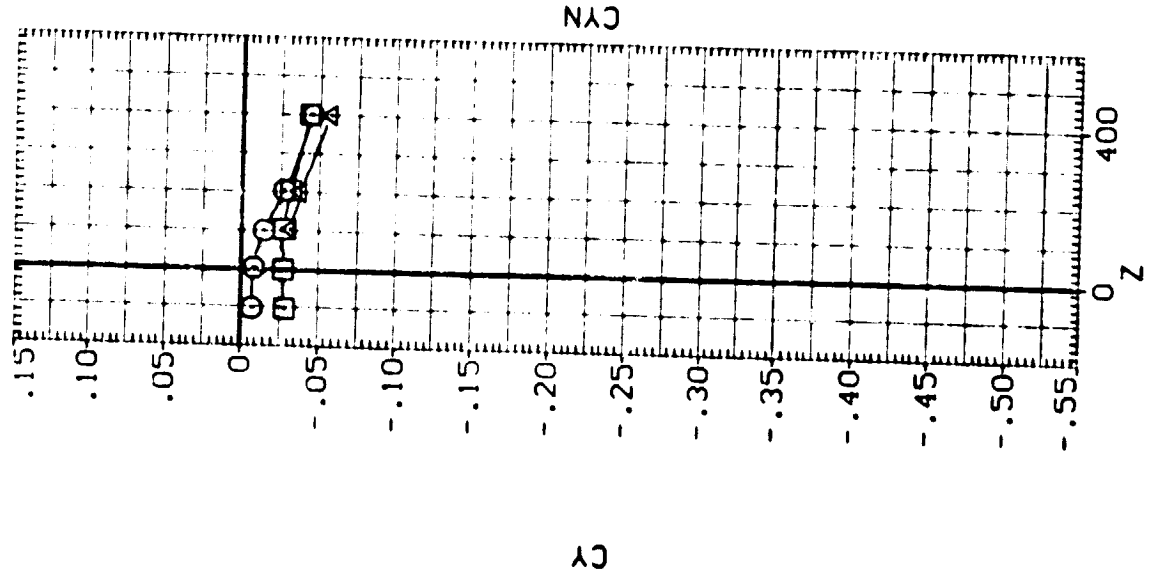


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)  
 (CY) = 200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU120)	AEDC/VAS281(A87)-O1ET1S1-R/H	SRB	200	.000	300.000	4.520	SRF 2690.0000 SO.FT.
(ATU121)	AEDC/VAS281(A87)-O1ET1S1-R/H	SRB	5.200	.000	300.000	4.520	LRF 1290.3000 INCHES
(ATU124)	AEDC/VAS281(A87)-O1ET1S1-R/H	SRB	-4.500	.000	300.000	4.520	BRF 1290.3000 INCHES
							YMRP .0000 IN. YS
							ZMRP .0000 IN. ZS
							SCALE .0100

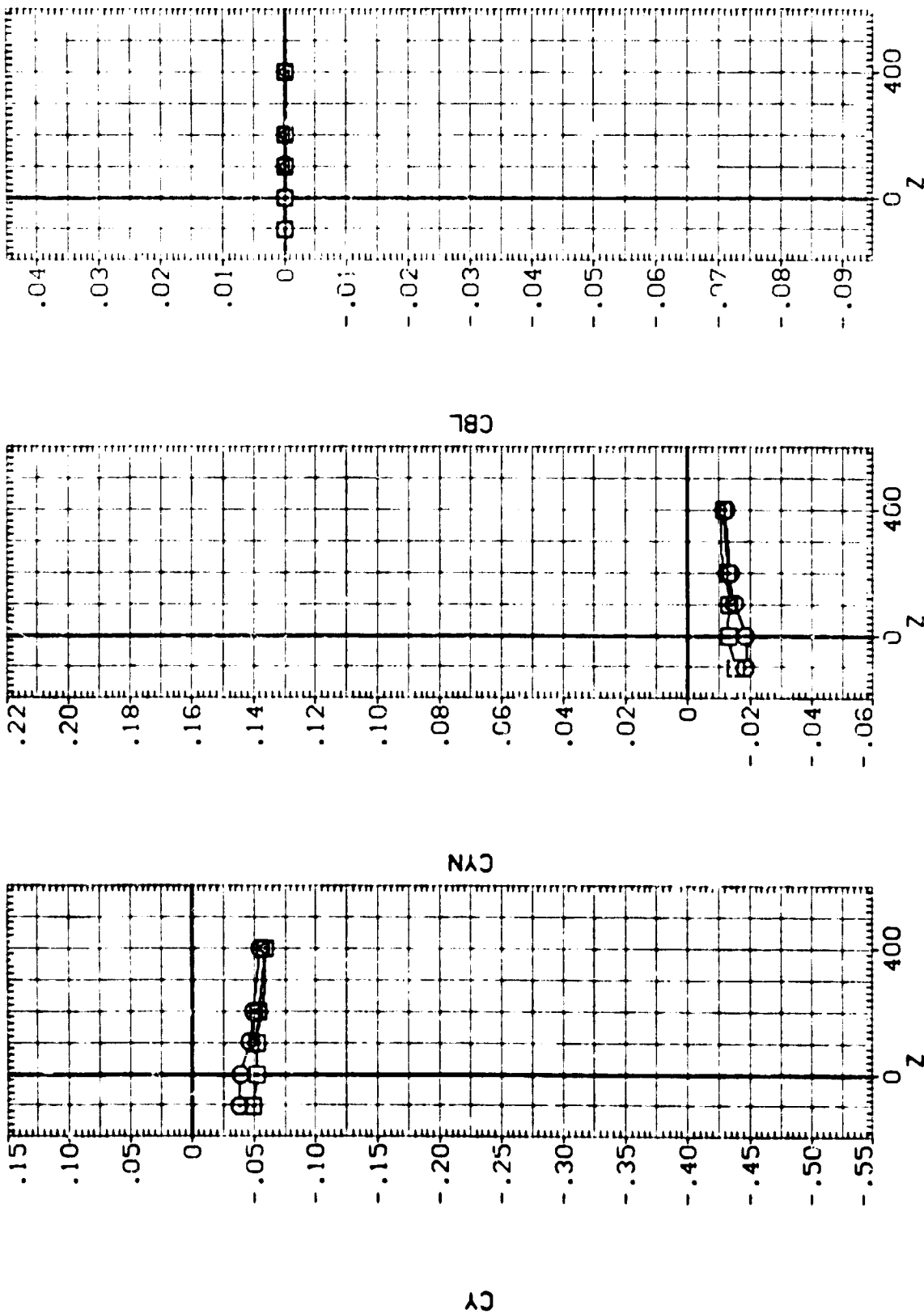



FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/EI (ALPHA=0 BETA=10.9)

(O)Y = 400.00

DATA SET SYMBOL:  CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ET1S1-R/H, AEDC/VAS28(1A87)-01ET1S1-R/H, AEDC/VAS28(1A87)-01ET1S1-R/H

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI25)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	.200	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI28)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	5.200	-4.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI29)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	-4.900	-4.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

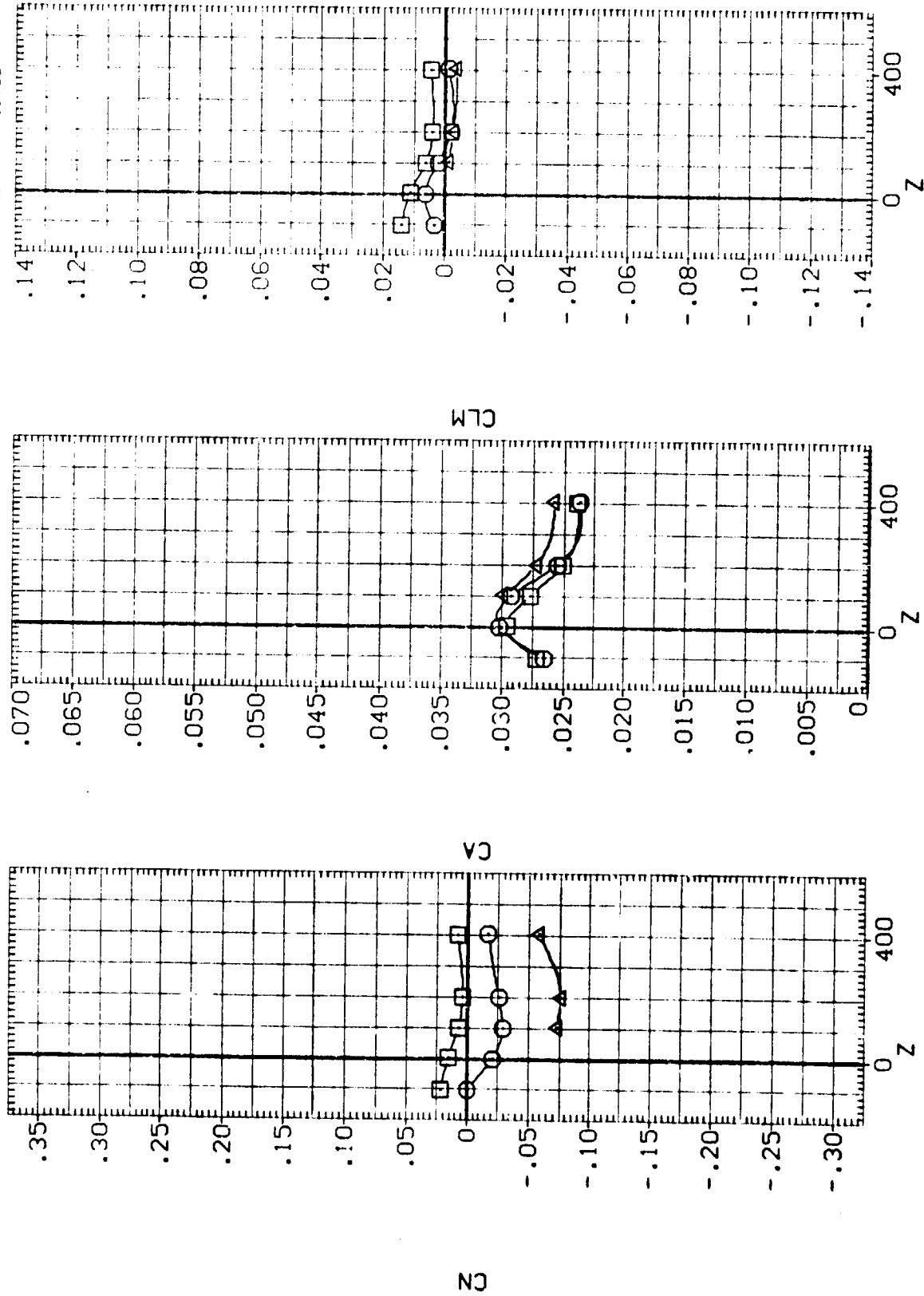


FIG.8 RIGHT SRB AERO CHARACTERISTICS FROM O/E/T (ALPHA=0 BETA=10.9)

(B)Y =100.00

# DATA SET SYMBOL

(ATUI25)  
(ATUI28)  
(ATUI29)



# CONFIGURATION DESCRIPTION

AEDC/VA528(1A87)-01ET1SI-R/H  
AEDC/VA528(1A87)-01ET1SI-R/H  
AEDC/VA528(1A87)-01ET1SI-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
DALPHA  
DALPHA

DBETA  
DBETA  
DBETA

X  
X  
X

MACH  
MACH  
MACH

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
ZMRP 400.0000 IN. YS  
SCALE .0100

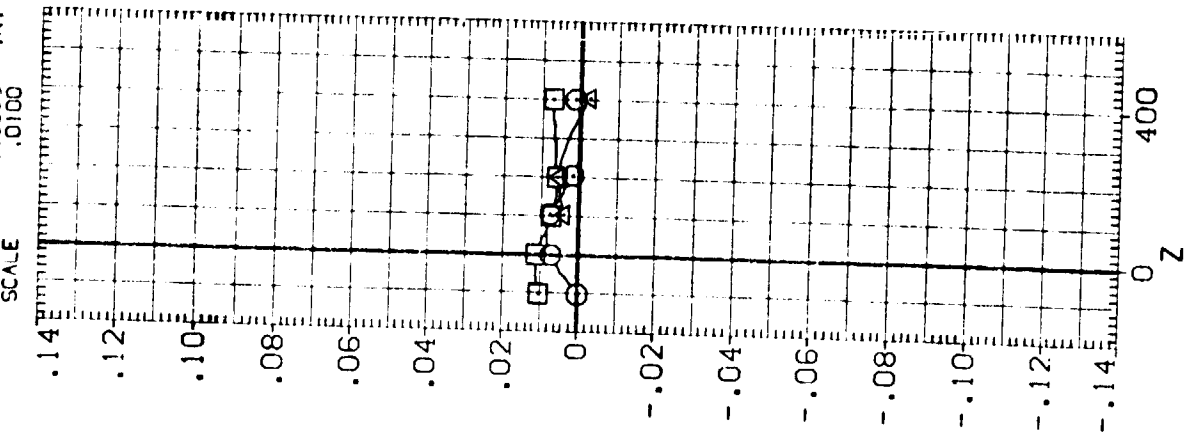
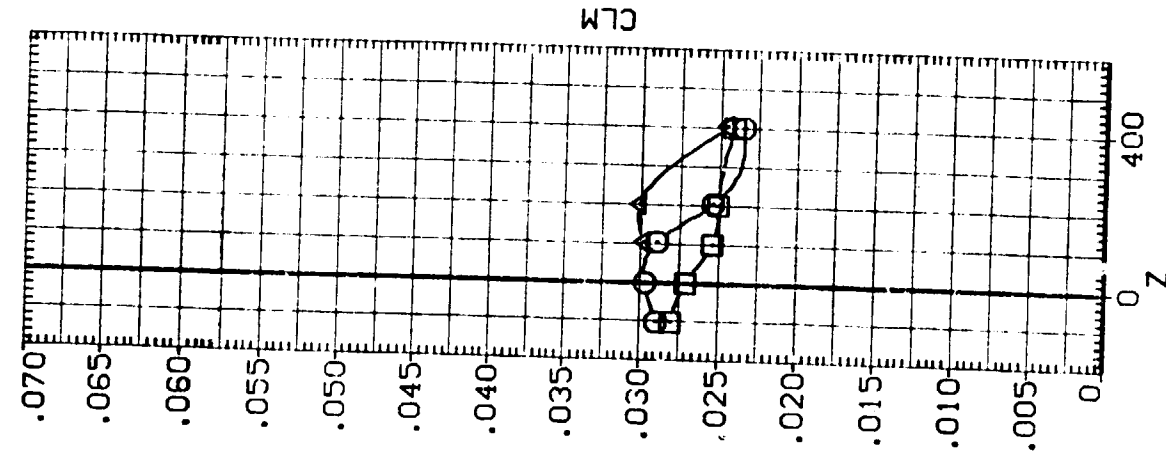
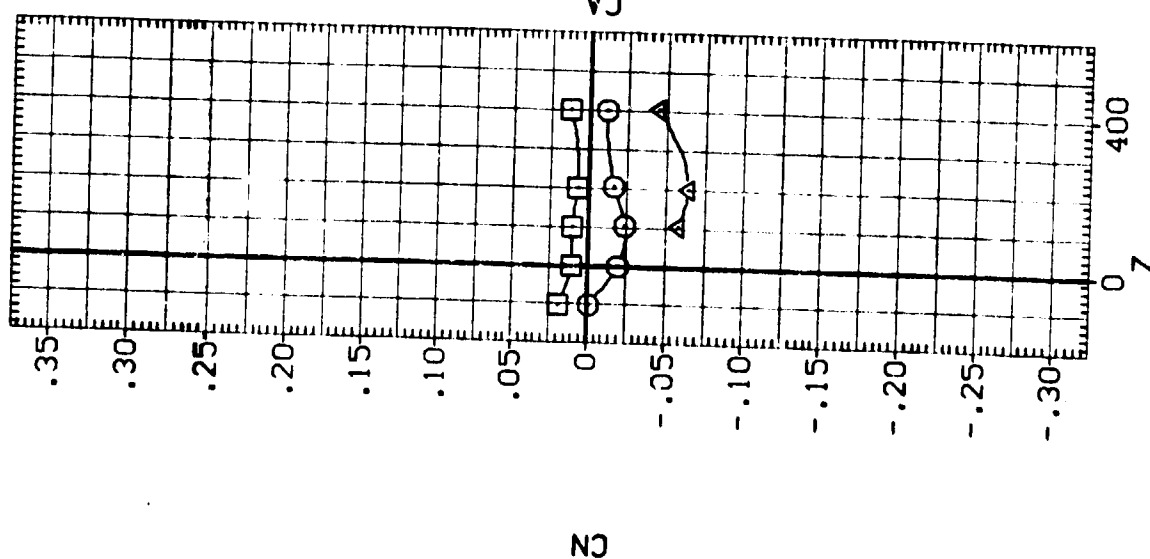


FIG.8 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=0 BETA=10.9)  
(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI25)	AEDC/VA528(1A87)-01ET1S1-R/H	.200	-4.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATUI28)	AEDC/VA528(1A87)-01ET1S1-R/H	5.200	-4.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI29)	AEDC/VA528(1A87)-01ET1S1-R/H	-4.900	-4.000	.000	4.520	BREF 1290.3000 INCHES
						YMRP 1258.5000 IN. YS
						ZMRP .0000 IN. ZS
						SCALE .0100

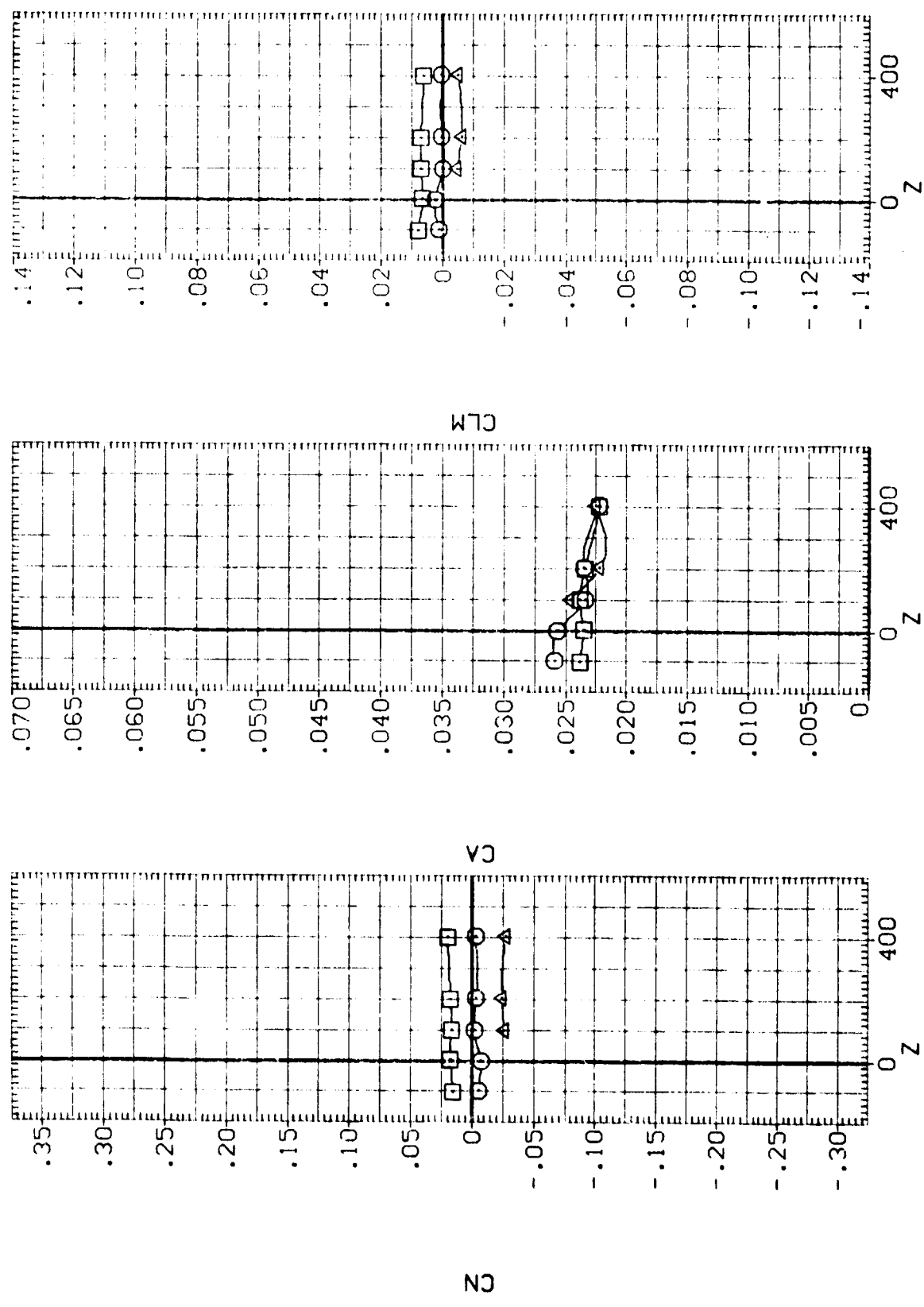
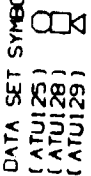


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)

(D)Y =400.00

# DATA SET SYMBOL

(ATUI25) AEDC/VAS28(1A87)-01ETISI-R/H  
 (ATUI28) AEDC/VAS28(1A87)-01ETISI-R/H  
 (ATUI29) AEDC/VAS28(1A87)-01ETISI-R/H



CONFIGURATION DESCRIPTION  
 AEDC/VAS28(1A87)-01ETISI-R/H  
 AEDC/VAS28(1A87)-01ETISI-R/H  
 AEDC/VAS28(1A87)-01ETISI-R/H

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

DALPHA  
 .200  
 5.200  
 -4.900

DBETA  
 -4.000  
 -4.000  
 -4.000

X  
 .000  
 .000  
 .000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 YMRP 1258.5000 IN. XS  
 ZMRP .0000 IN. YS  
 SCALE 400.0000 IN. ZS

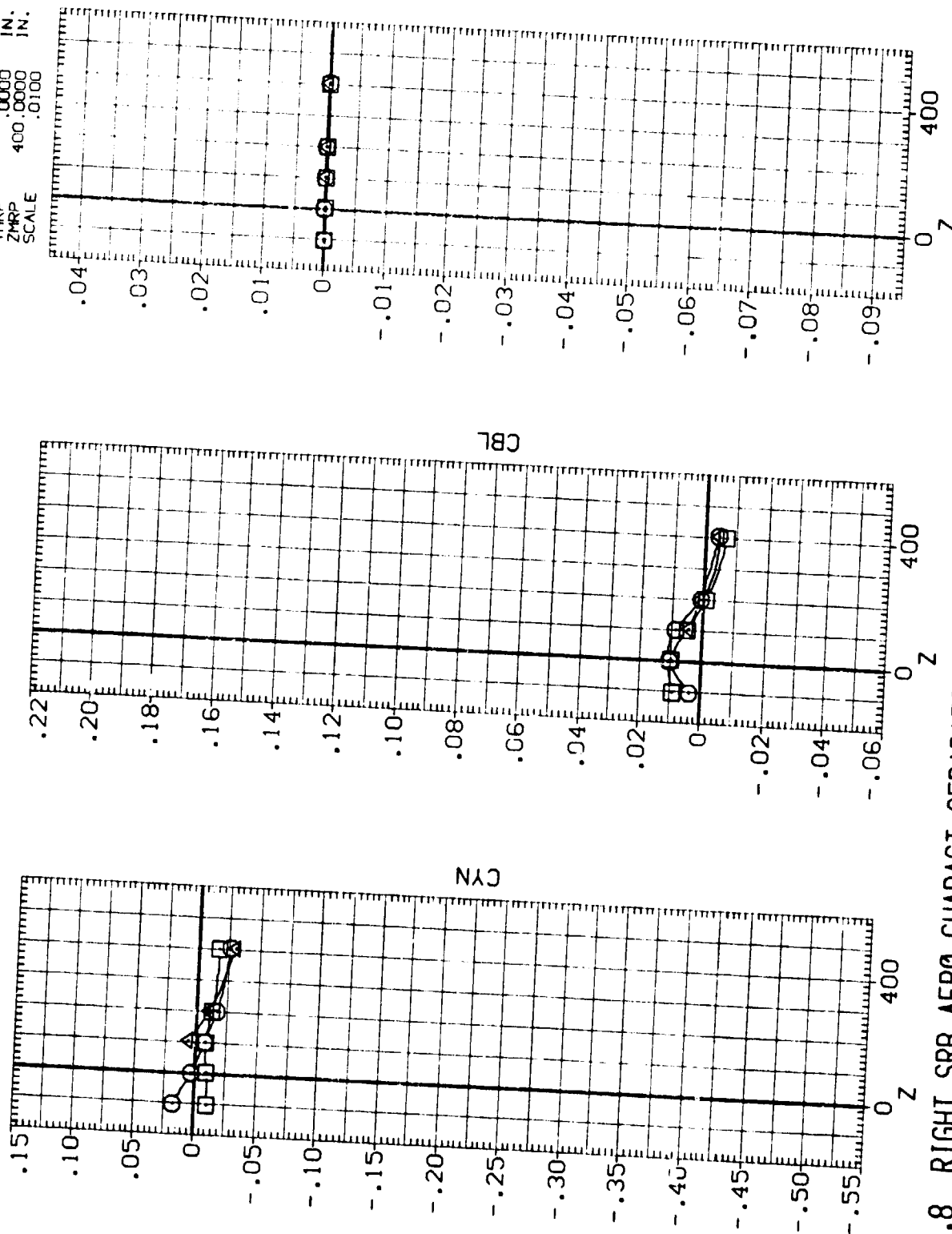


FIG.8 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)  
 (B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFO	ION
(ATUI25)	AEDC/VA528(1A87)-O1ETIS1-R/H	SRB SEPAR. FROM O/ET	.200	-4.000	.000	4.520	SREF 2690.0000	SO. FT.
(ATUI28)	AEDC/VA528(1A87)-O1ETIS1-R/H	SRB SEPAR. FROM O/ET	5.200	-4.000	.000	4.520	LREF 1290.3000	INCHES
(ATUI29)	AEDC/VA528(1A87)-O1ETIS1-R/H	SRB SEPAR. FROM O/ET	-4.900	-4.000	.000	4.520	BREF 1290.3000	INCHES
							XMRP 1258.5000	IN. XS
							YMRP .0000	IN. YS
							ZMRP 400.0000	IN. ZS
							SCALE .0100	

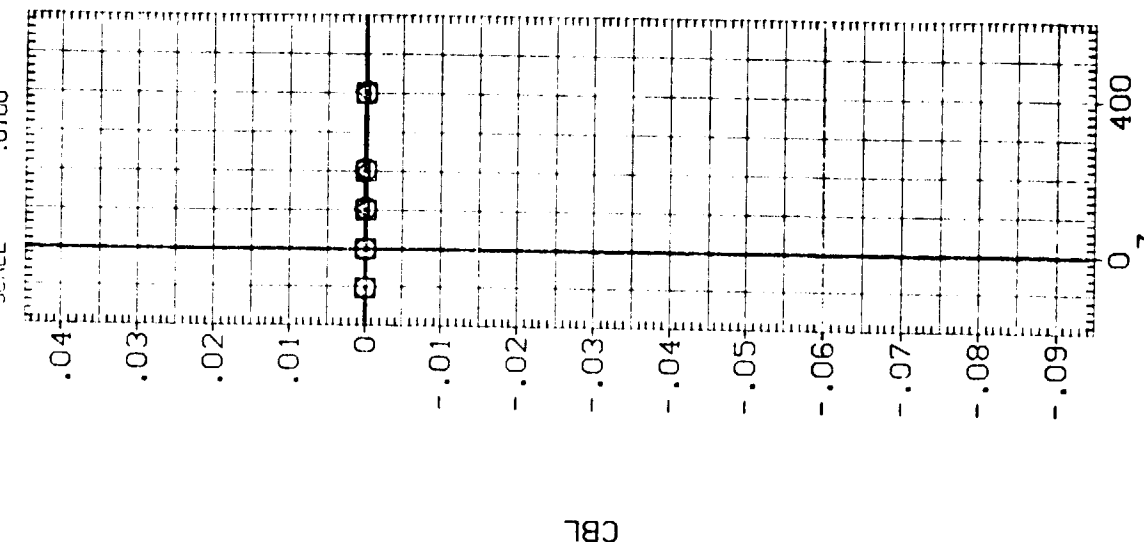
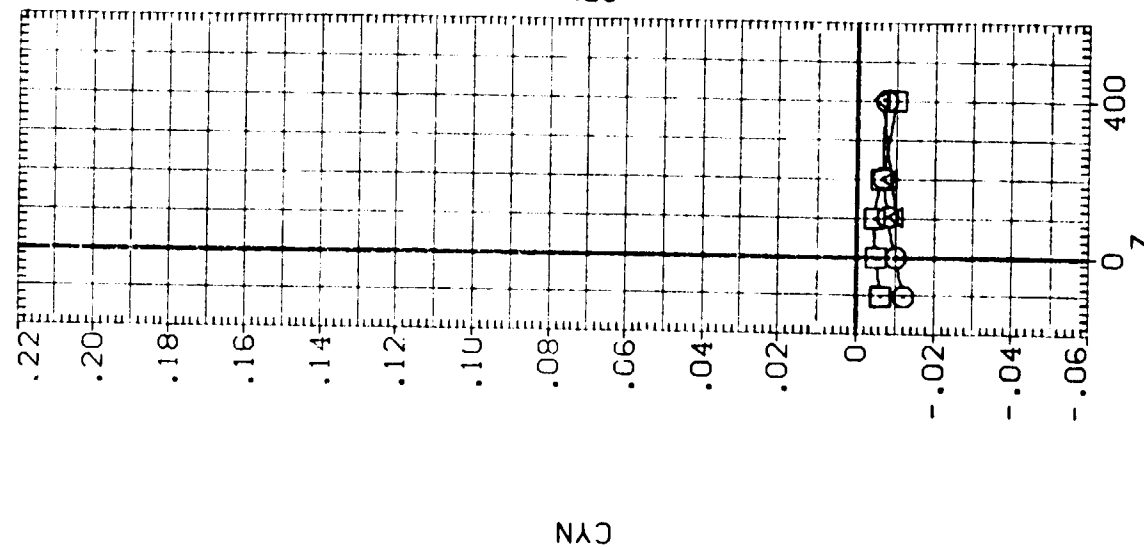
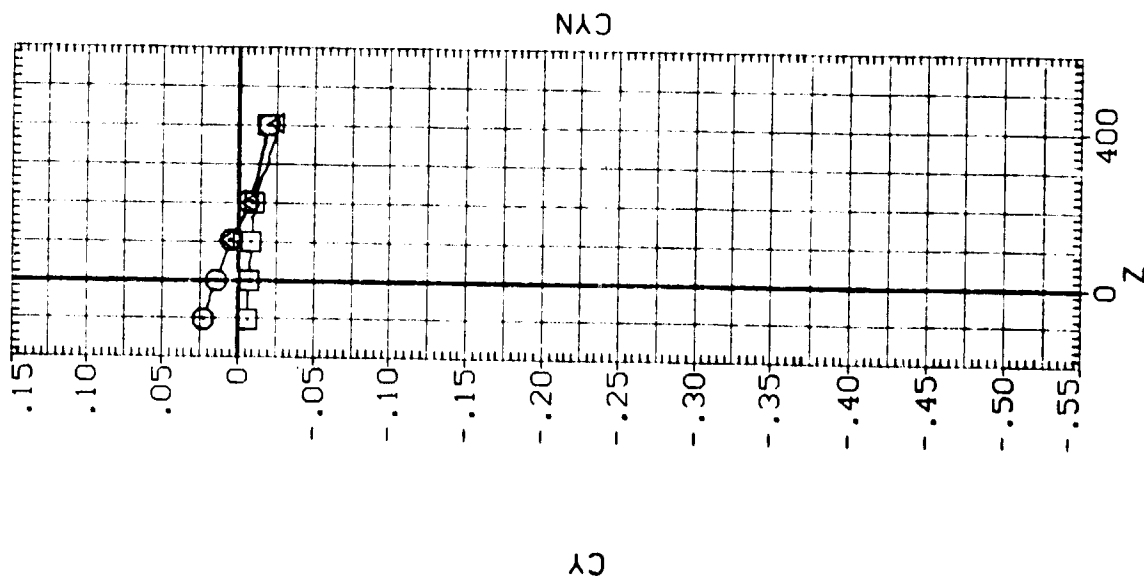


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)

(CY) =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI26)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	.200	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI27)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	5.200	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI30)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	-4.900	-4.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

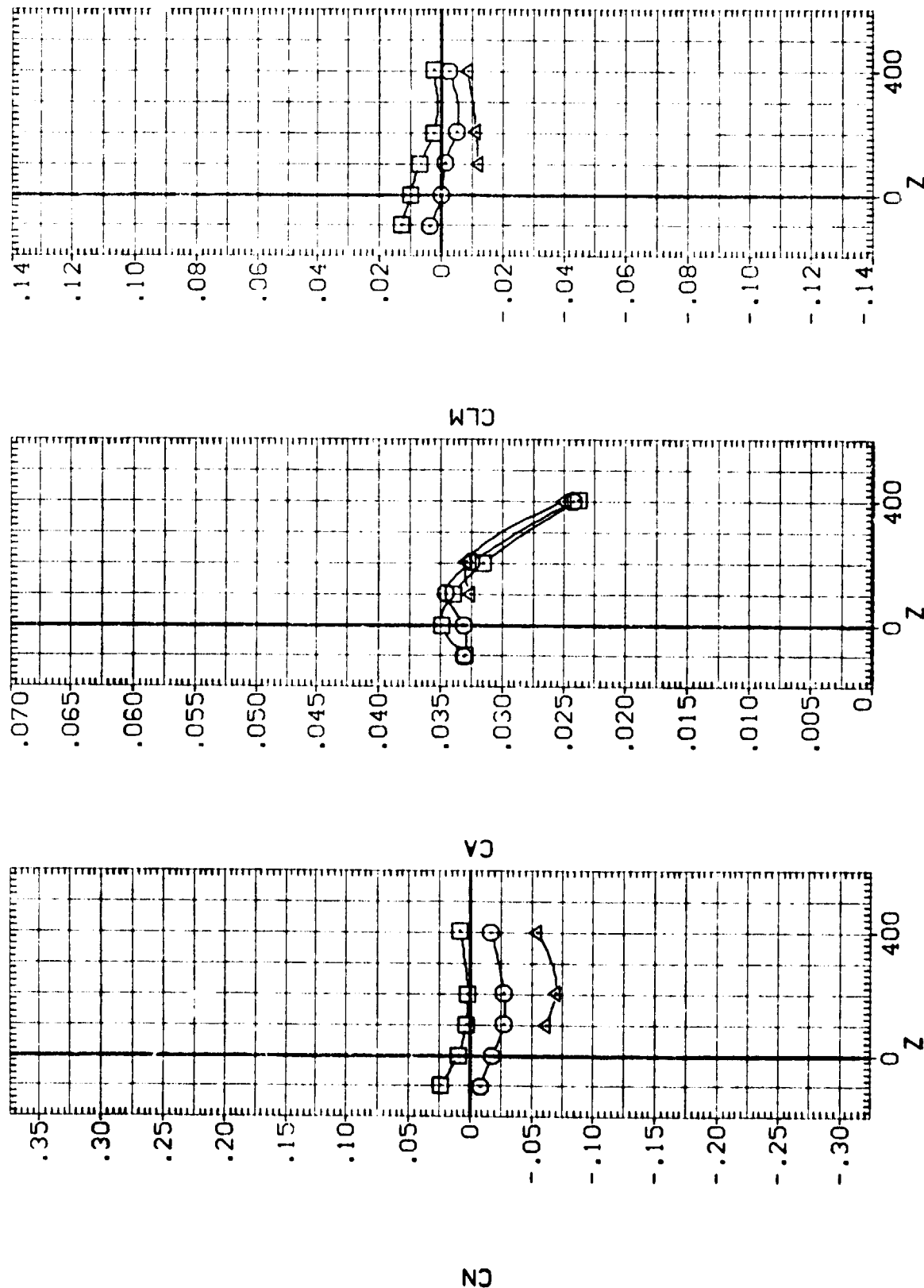


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)

(B)Y =100.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFO.
(ATUI26)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	.200	-4.000	300.000	4.520	SREF 2690.0000 SQ. FT.
(ATUI27)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	5.200	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI30)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	-4.900	-4.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

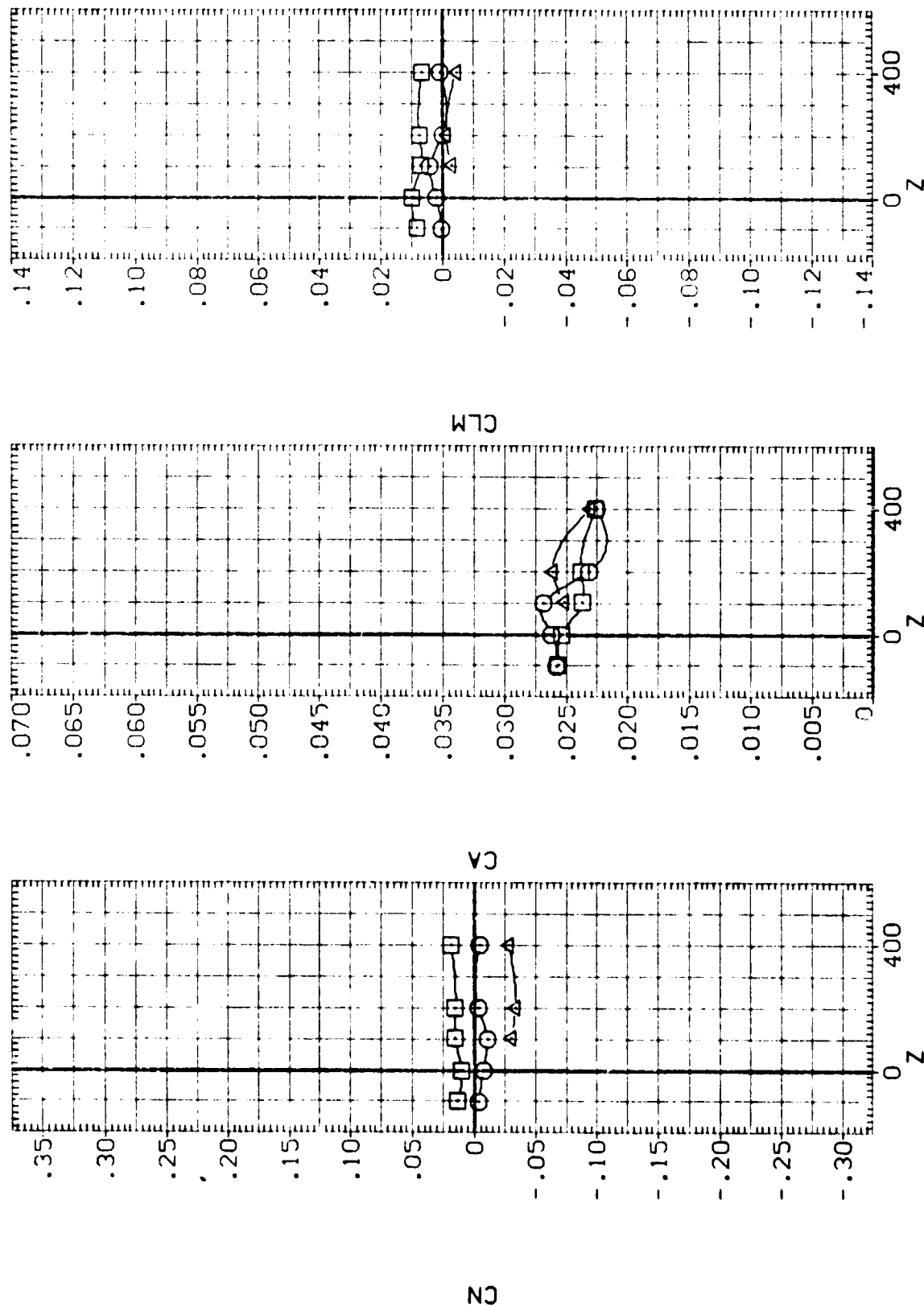


FIG.8 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=0 BETA=10.9)

(O)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI 26)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/E/T	.200	-4.000	300.000	4.520	SREF 2650.0000 SQ.FT.
(ATUI 27)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/E/T	5.200	-4.000	300.000	4.520	LREF 1250.3000 INCHES
(ATUI 30)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/E/T	-4.900	-4.000	300.000	4.520	BREF 1250.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

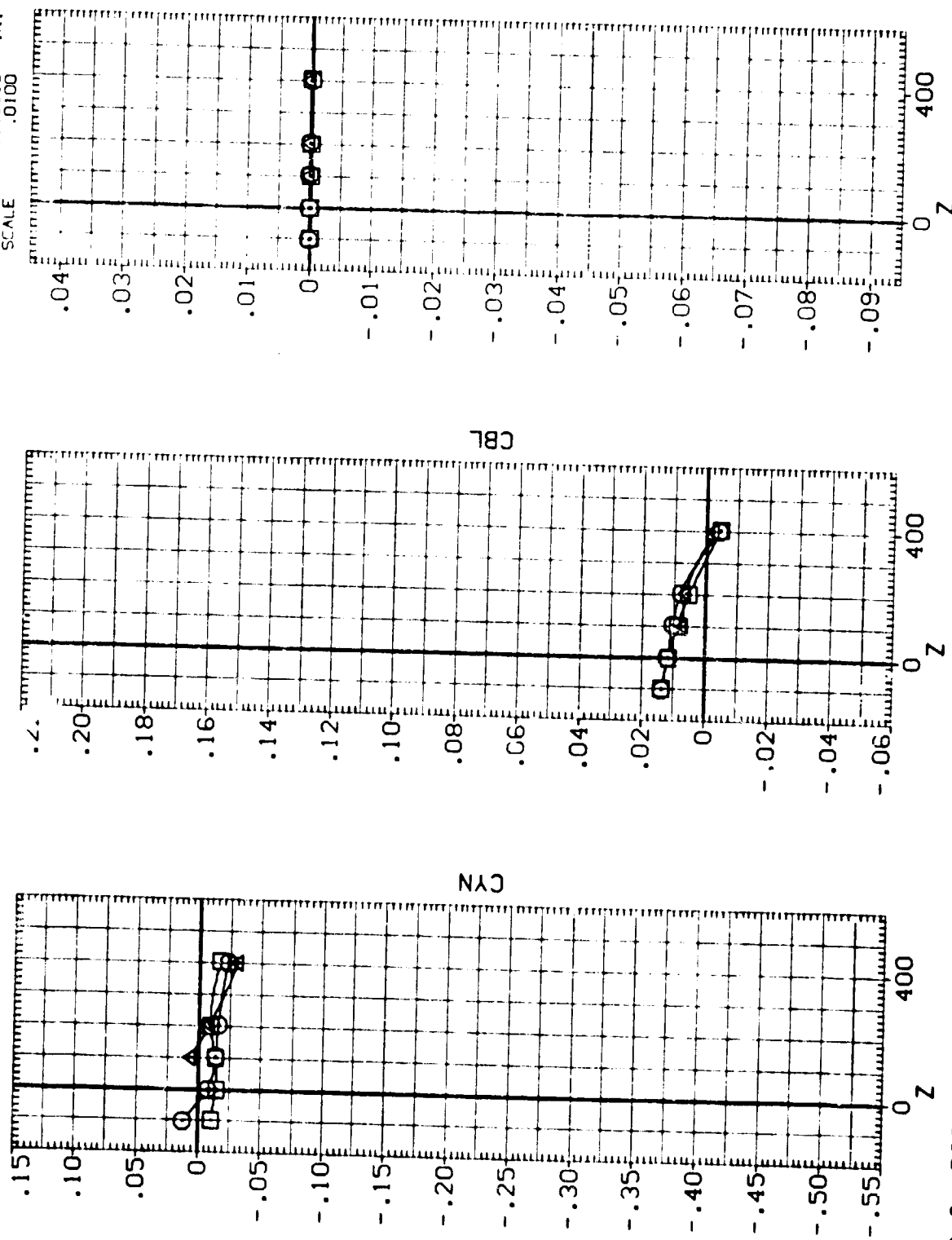


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=0 BETA=10.9)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU126)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM O/E/T	.200	-4.000	300.000	4.520	SREF 2690.0000 SC.FT.
(ATU127)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM O/E/T	5.200	-4.000	300.000	4.520	1290.3000 INCHES
(ATU130)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	SEPAR. FROM O/E/T	-4.900	-4.000	300.000	4.520	1290.3000 INCHES
								XMRP .0000 IN. XS
								ZMRP .0000 IN. YS
								SCALE 400.0000 IN. ZS
								.0100

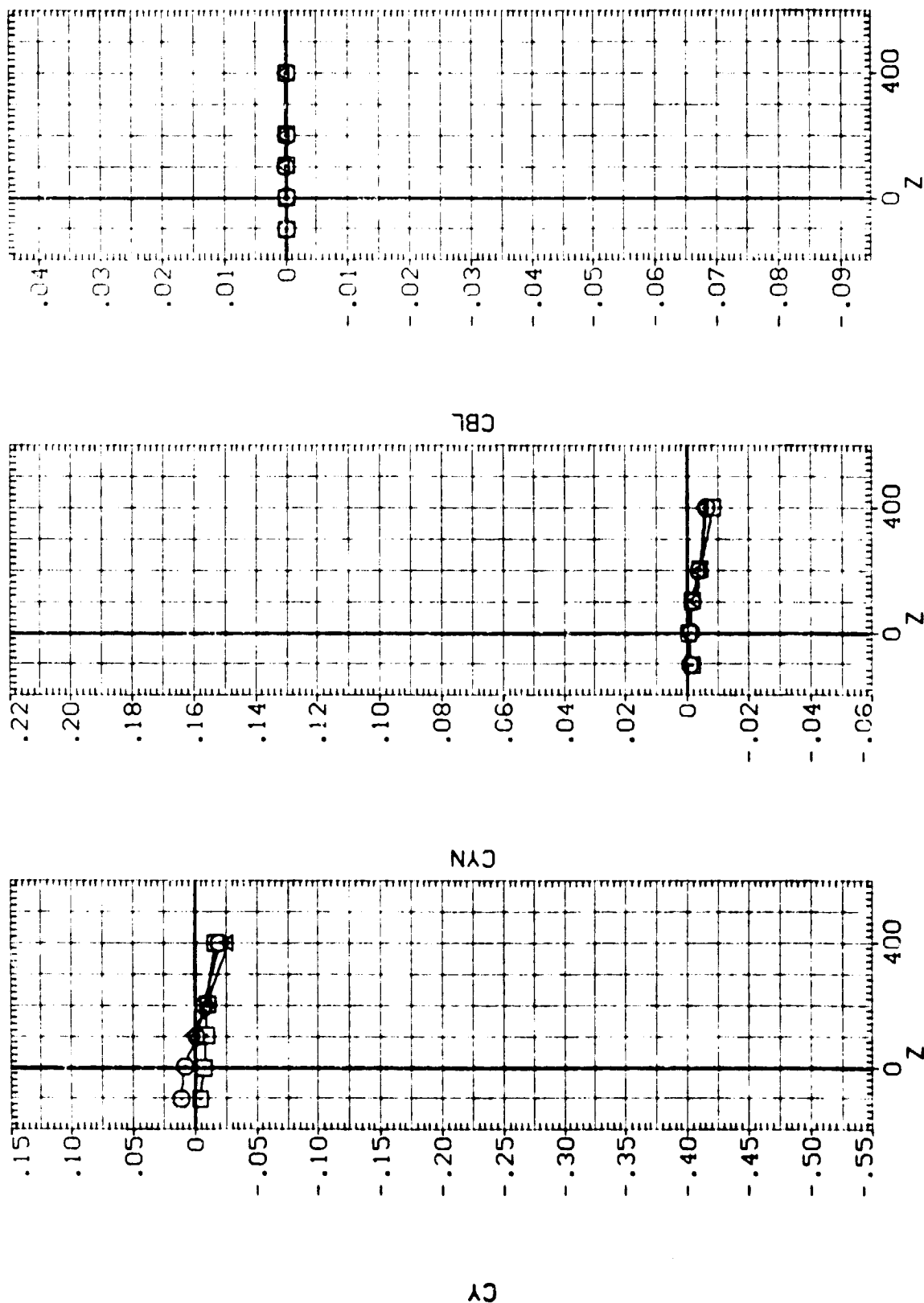


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=0 BETA=10.9)

(C)Y =200.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DDelta
[ATUI31]	AEDC/JAS28(IAB7)-G1ET(SI-R/H)	SRB SEPAR. FROM O/E/T	.200	-8.000
[ATUI34]	AEDC/JAS28(IAB7)-G1ET(SI-R/H)	SRB SEPAR. FROM O/E/T	5.200	-8.000
[ATUI35]	AEDC/JAS28(IAB7)-G1ET(SI-R/H)	SRB SEPAR. FROM O/E/T	-4.900	-8.000

SCALE	REFERENCE INFORMATION
4.000	SRB 0.000 SQ.FT.
4.000	LR 0.000 INCHES
4.000	RA 0.000 INCHES
4.000	YMRP 0.000 INCHES
4.000	ZMRP 0.000 INCHES
4.000	SCALE 400.0000

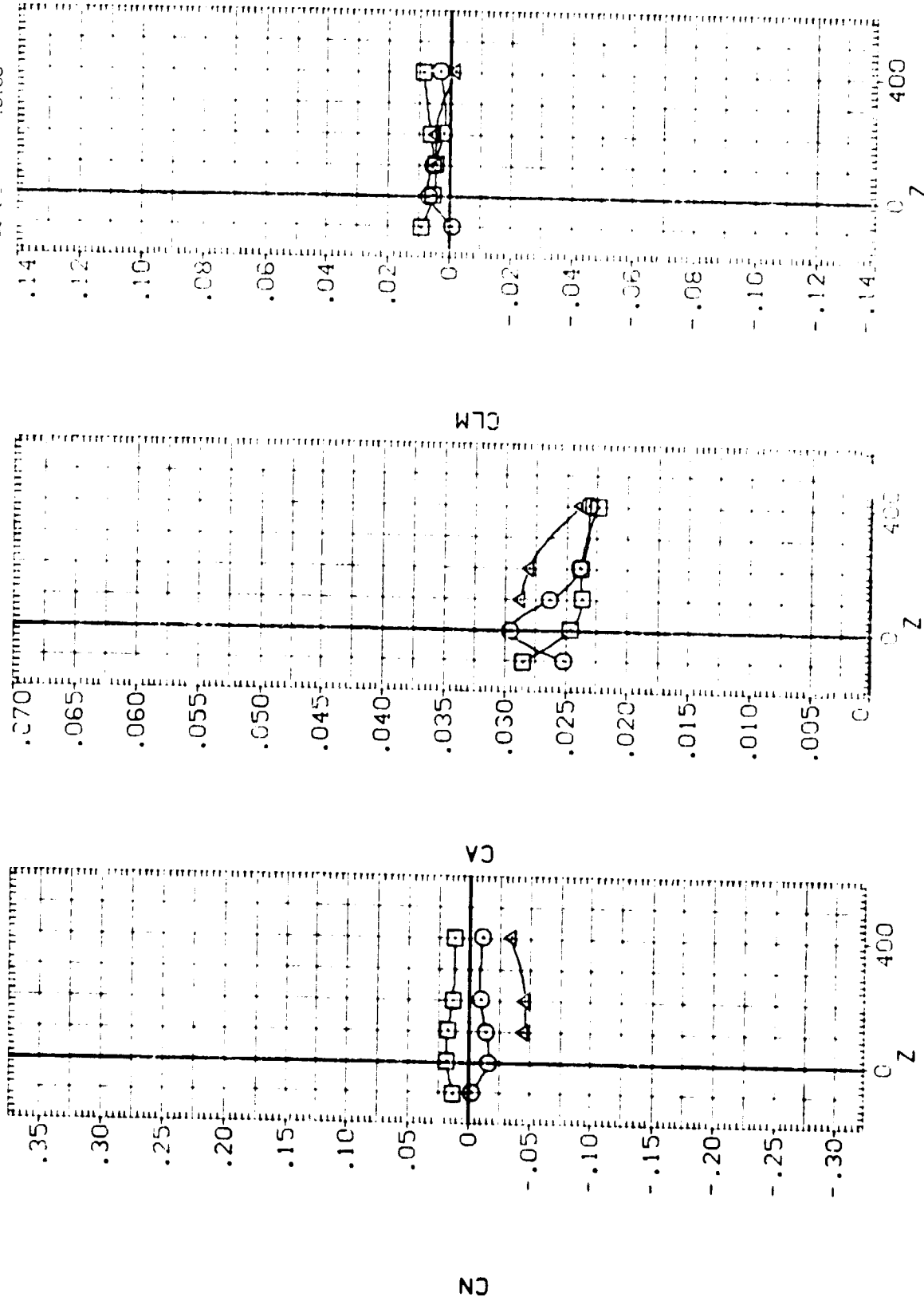


FIG.8 RIGHT SRB AERO CHARACTERISTICS FROM O/E/T (ALPHA=0 DEGREE) (COY = 400.00)

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(ATU131)      AEDC/VAS28(1A87)-01ET1S1-R/H      SRB SEPAR. FROM O/EET

(ATU134)      AEDC/VAS28(1A87)-01ET1S1-R/H      SRB SEPAR. FROM O/EET

(ATU135)      AEDC/VAS28(1A87)-01ET1S1-R/H      SRB SEPAR. FROM O/EET

—      DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(ATU131)      AEDC/VAS28(1A87)-01ET1S1-R/H      SRB SEPAR. FROM O/EET

(ATU134)      AEDC/VAS28(1A87)-01ET1S1-R/H      SRB SEPAR. FROM O/EET

(ATU135)      AEDC/VAS28(1A87)-01ET1S1-R/H      SRB SEPAR. FROM O/EET

—      DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(ATU131)      AEDC/VAS28(1A87)-01ET1S1-R/H      SRB SEPAR. FROM O/EET

(ATU134)      AEDC/VAS28(1A87)-01ET1S1-R/H      SRB SEPAR. FROM O/EET

(ATU135)      AEDC/VAS28(1A87)-01ET1S1-R/H      SRB SEPAR. FROM O/EET

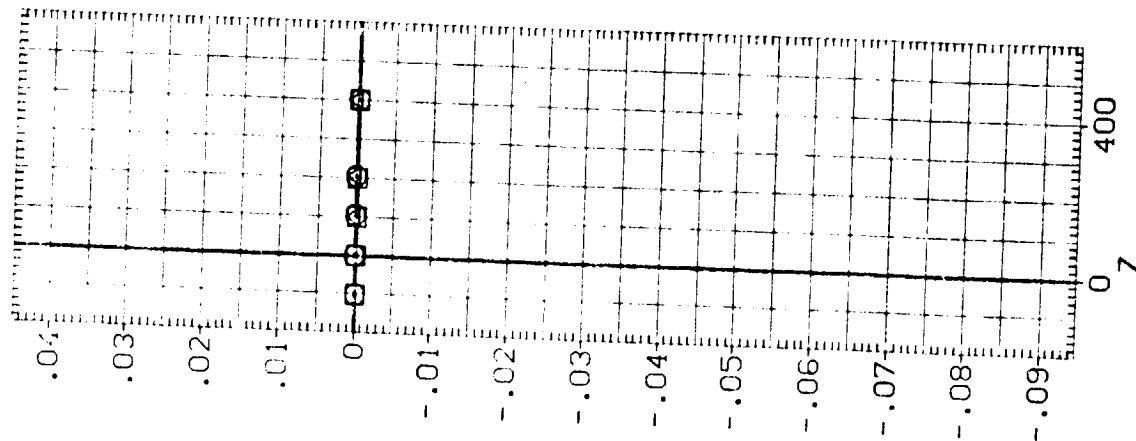
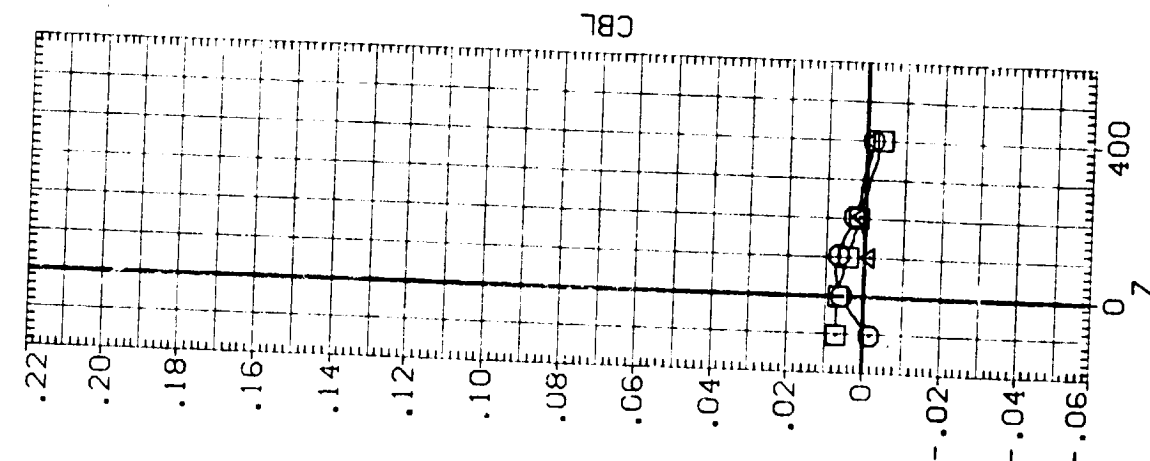
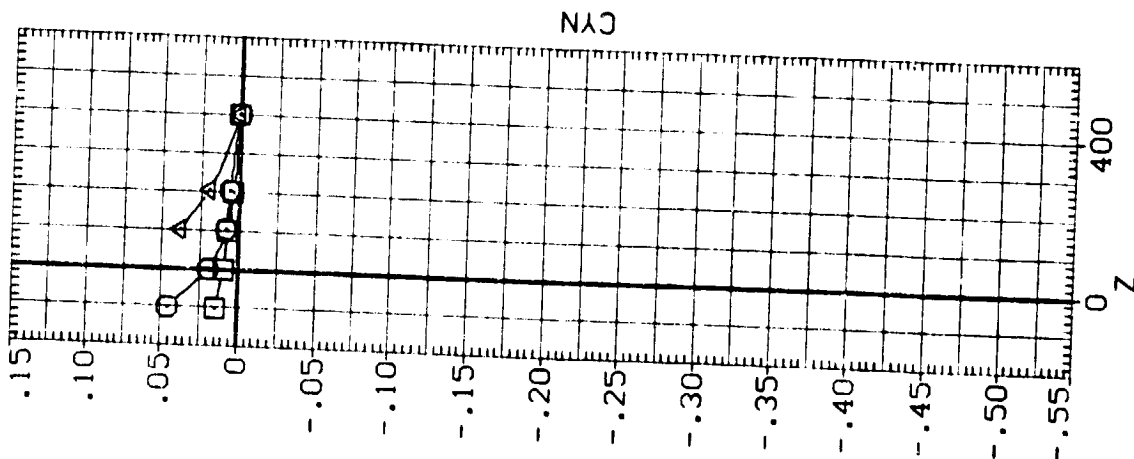


FIG.8 RIGHT SRB AERO CHARACTERISTICS FROM O/EET (ALPHA=0 BETA=10.9)

(CY) = 200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI31)	AEDC/VA528(IAB7)-01ETISI-R/H	SRB SEPAR. FROM 0/ET	.200	-8.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI34)	AEDC/VA528(IAB7)-01ETISI-R/H	SRB SEPAR. FROM 0/ET	5.200	-8.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI35)	AEDC/VA528(IAB7)-01ETISI-R/H	SRB SEPAR. FROM 0/ET	-4.900	-8.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

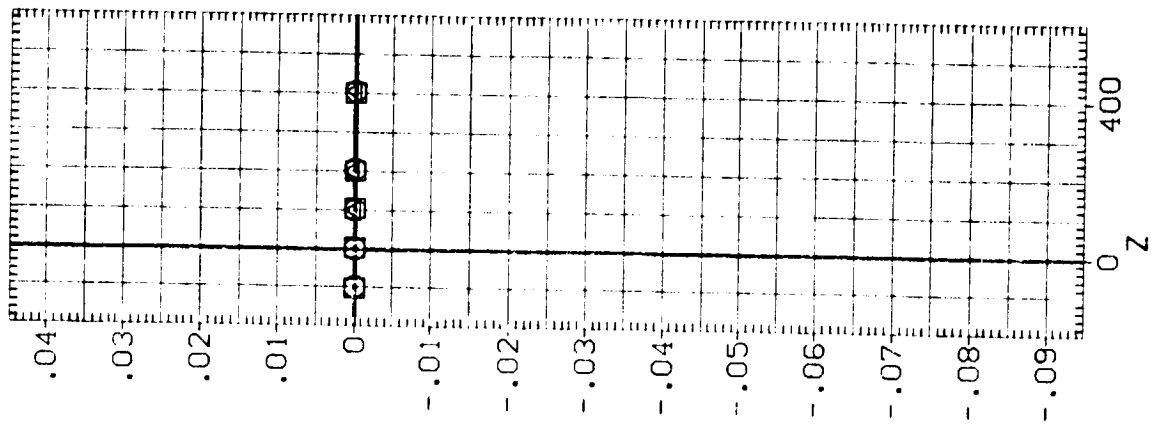
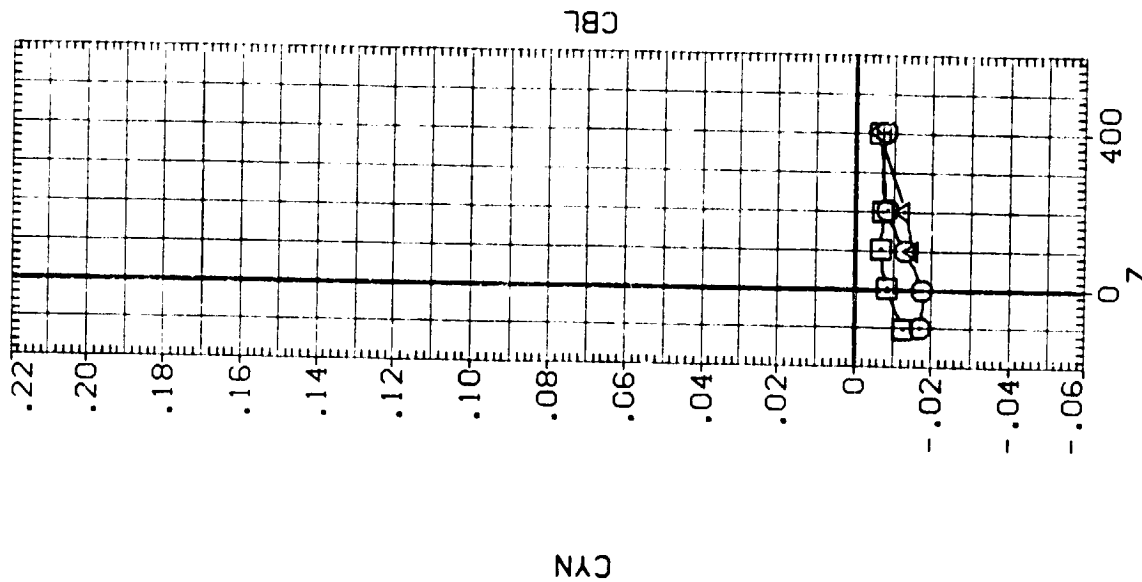
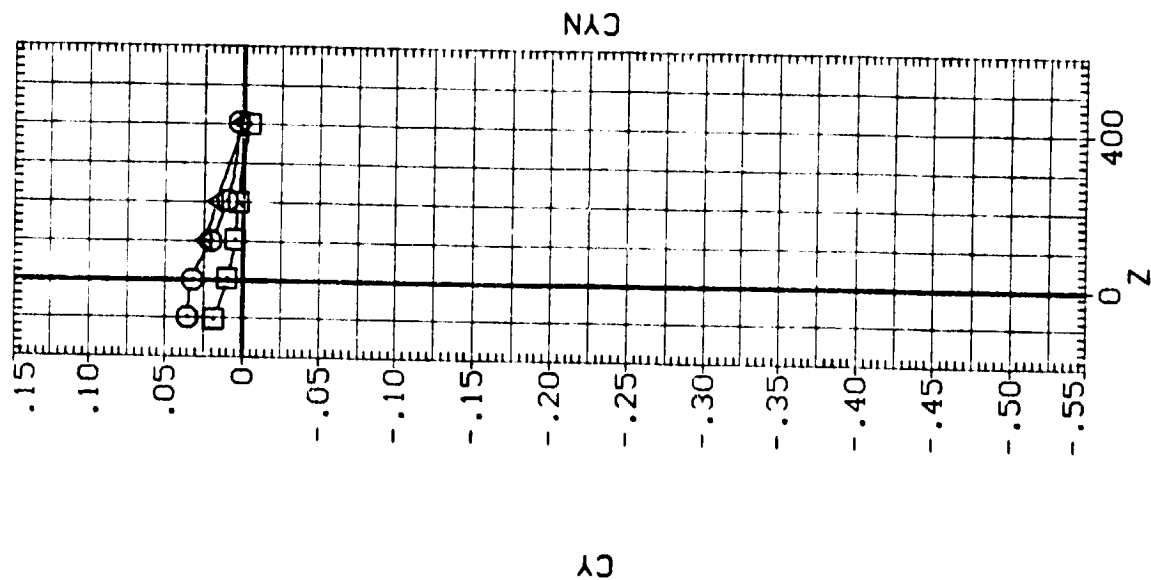


FIG.8 RIGHT SRB AERO CHARACTER SEPARATING FROM 0/ET (ALPHA=0 BETA=10.9)

(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI32)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	-8.000	300.000	4.520	SREF 2690.0000 50.FT.
(ATUI33)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI36)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.900	-8.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1298.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

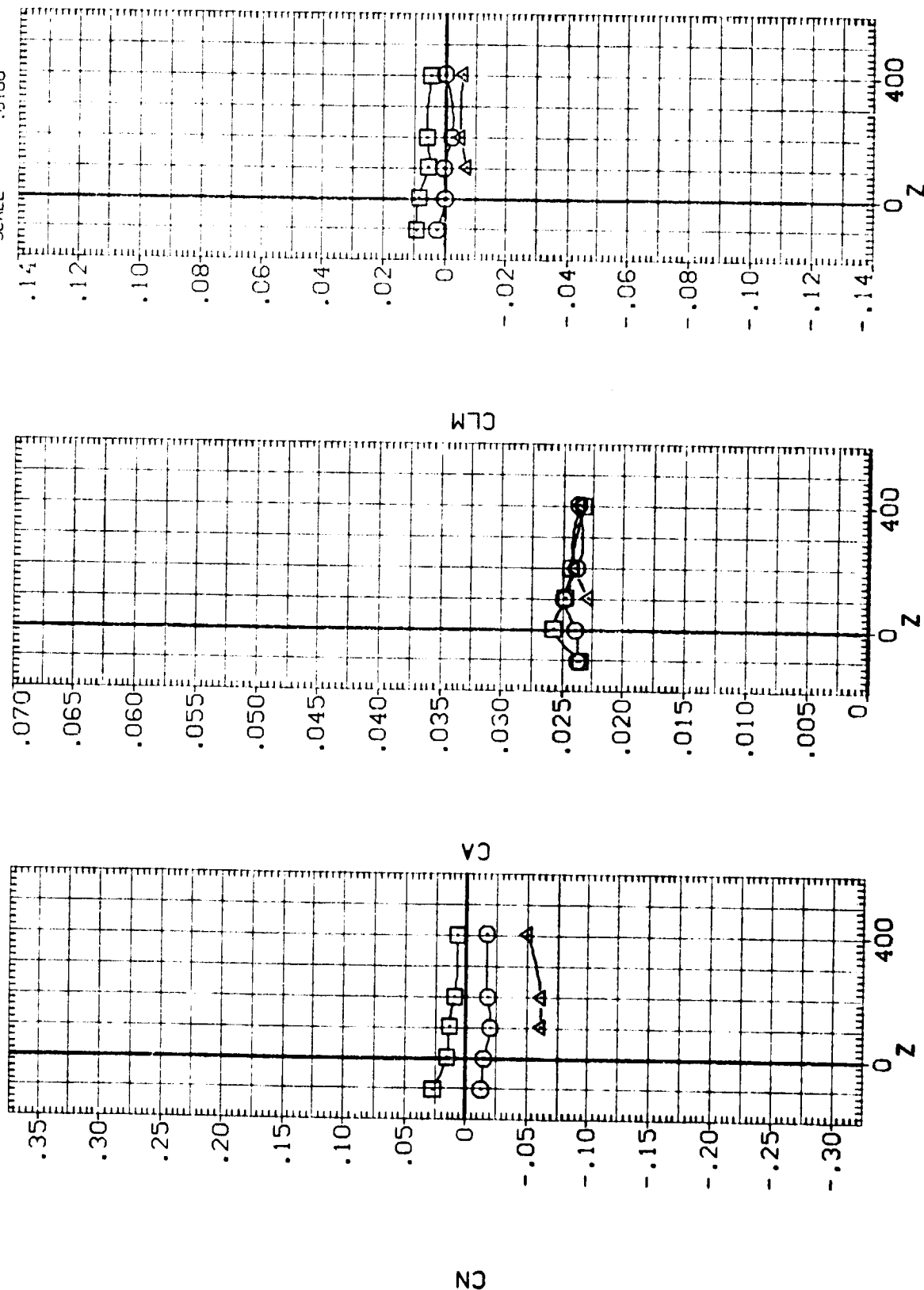


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU132)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB	.200	-8.000	300.000	4.520	SREF 2650.0000 SQ.FT.
(ATU133)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB	5.200	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU136)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB	-4.500	-8.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. YS
							ZMRP .0000 IN. ZS
							SCALE .0100

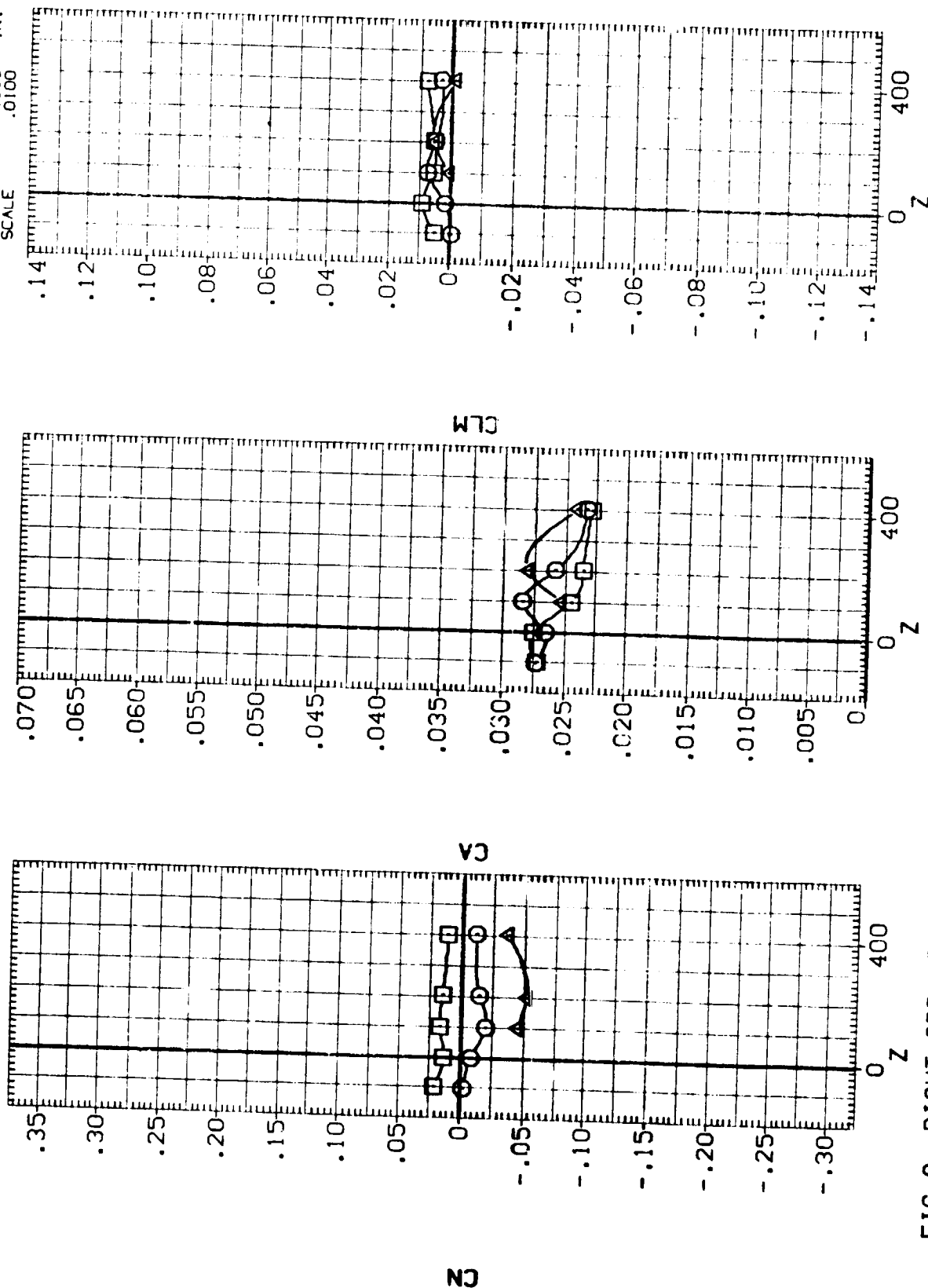


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)  
(D)Y =400.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		MACH		REFERENCE INFORMATION	
(ATU132)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	DALP-A	DBETA	X	SRB	2690.0000 SQ.FT.
(ATU133)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	-8.000	300.000	LREF	1290.3000 INCHES
(ATU136)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.900	-8.000	300.000	BREF	1290.3000 INCHES
						YMRP	1258.5000 IN. XS
						ZMRP	400.0000 IN. ZS
						SCALE	.0100

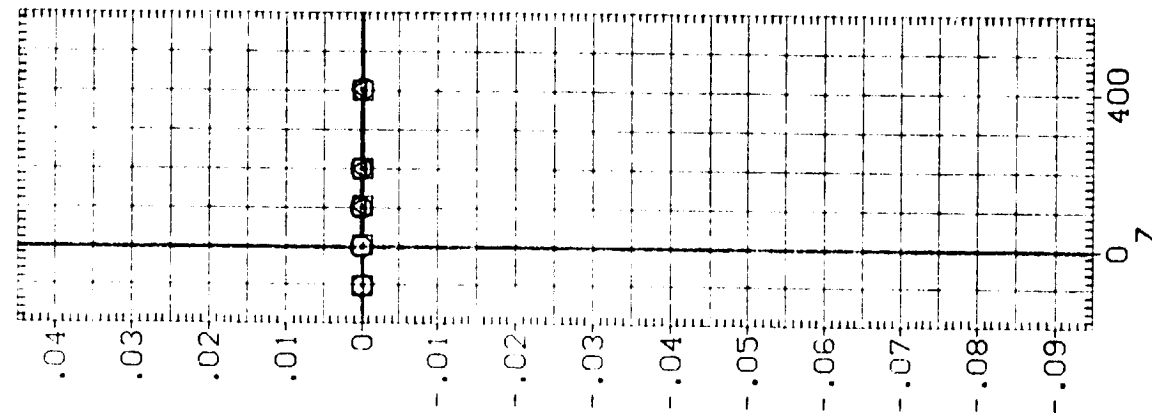
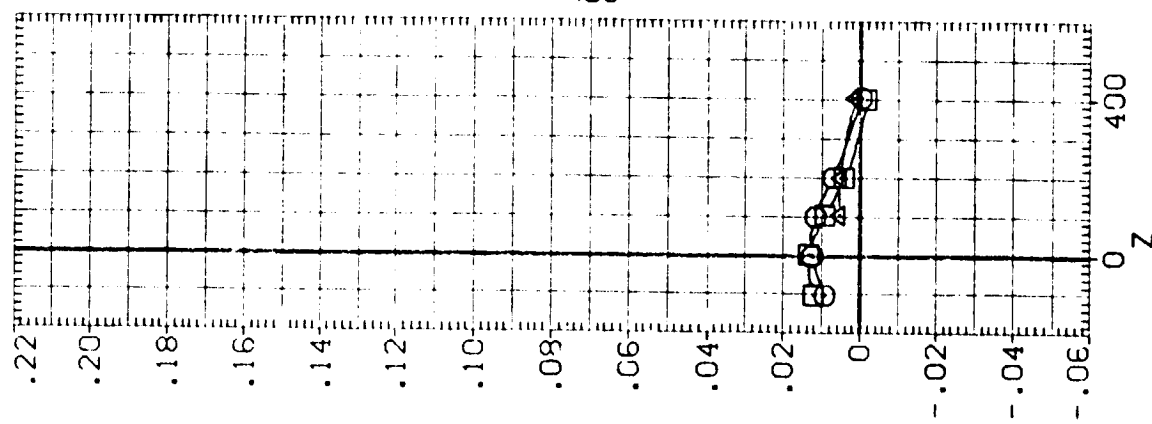
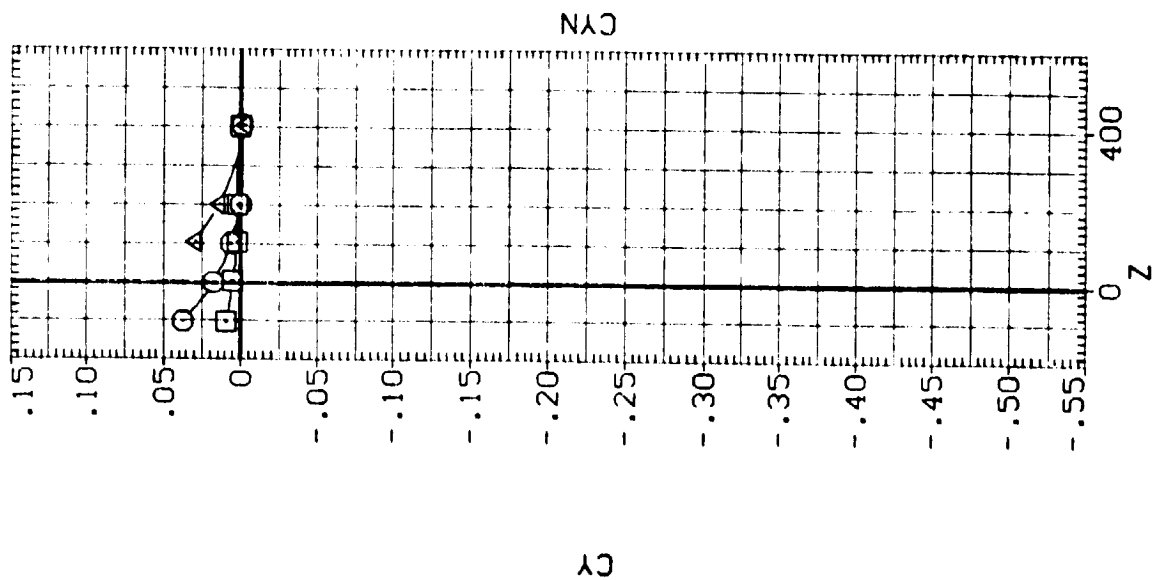


FIG.8 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)

(CY) =200.00

DATA SET SYMBOL

(ATU132)  
(ATU133)  
(ATU136)

CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-01ET1S1-R/H  
AEDC/VAS28(1A87)-01ET1S1-R/H  
AEDC/VAS28(1A87)-01ET1S1-R/H

DALPHA

.200  
5.200  
.900

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DBETA

-8.000  
-8.000  
-8.000

X

300.000  
300.000  
300.000

MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
YMRP 1258.5000 IN. XS  
ZMRP 400.0000 IN. YS  
SCALE .0100 IN. ZS

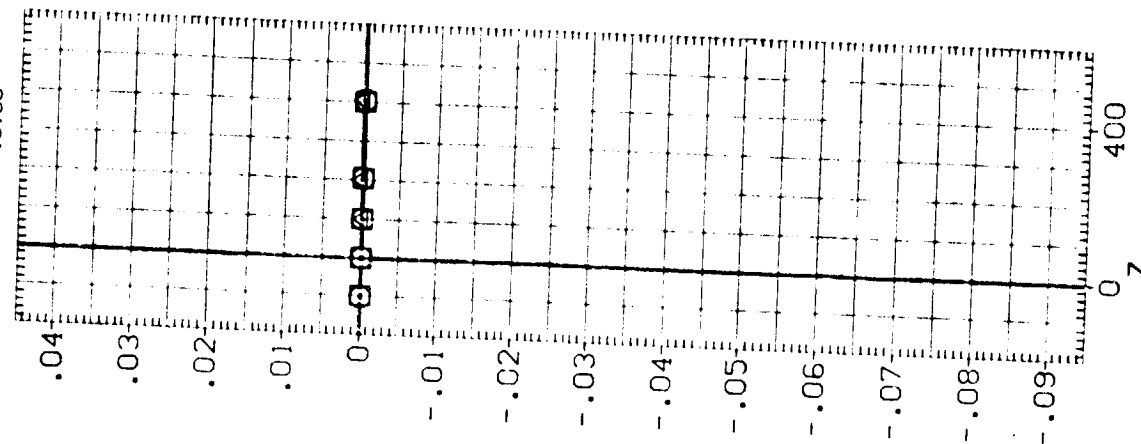
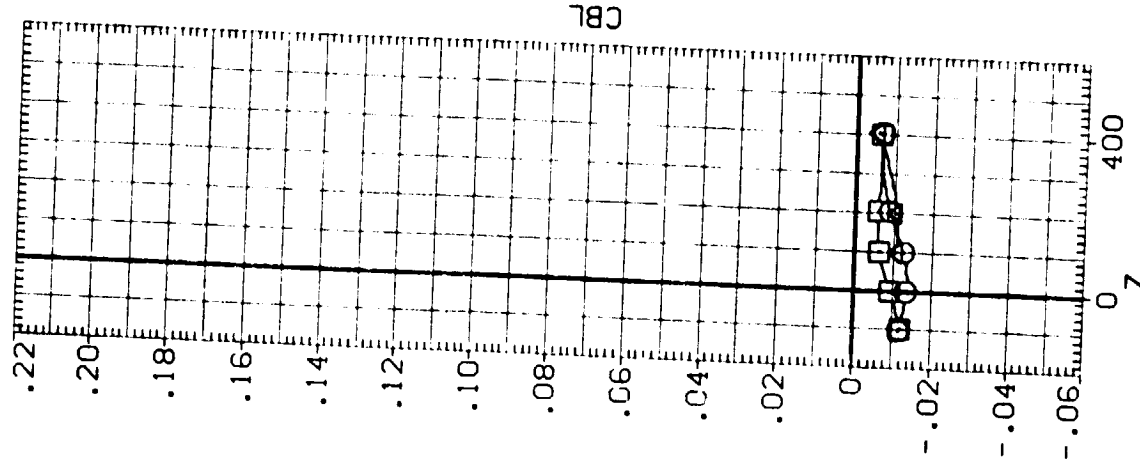
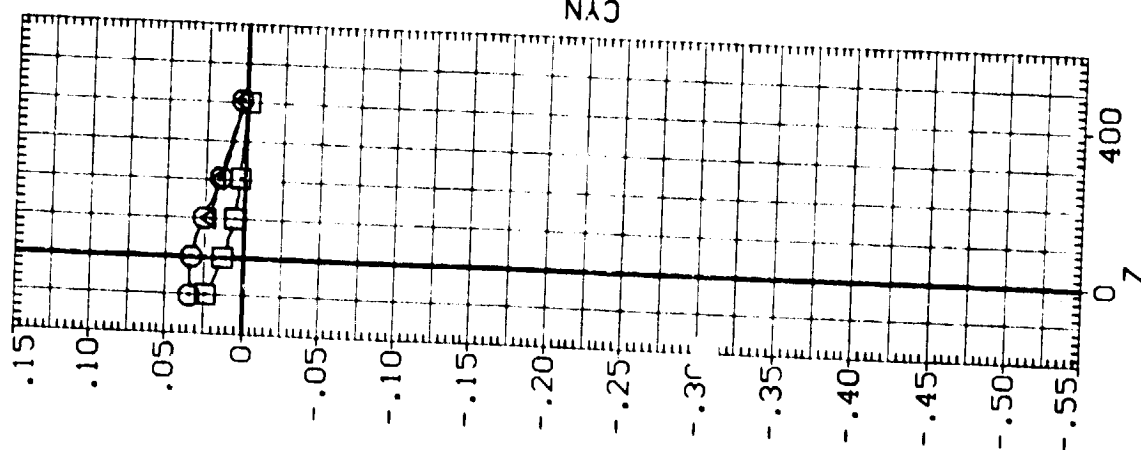


FIG.8 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/ET (ALPHA=0 BETA=10.9)  
(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI55)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	.200	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI58)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI59)	AEDC/VA528(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1298.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

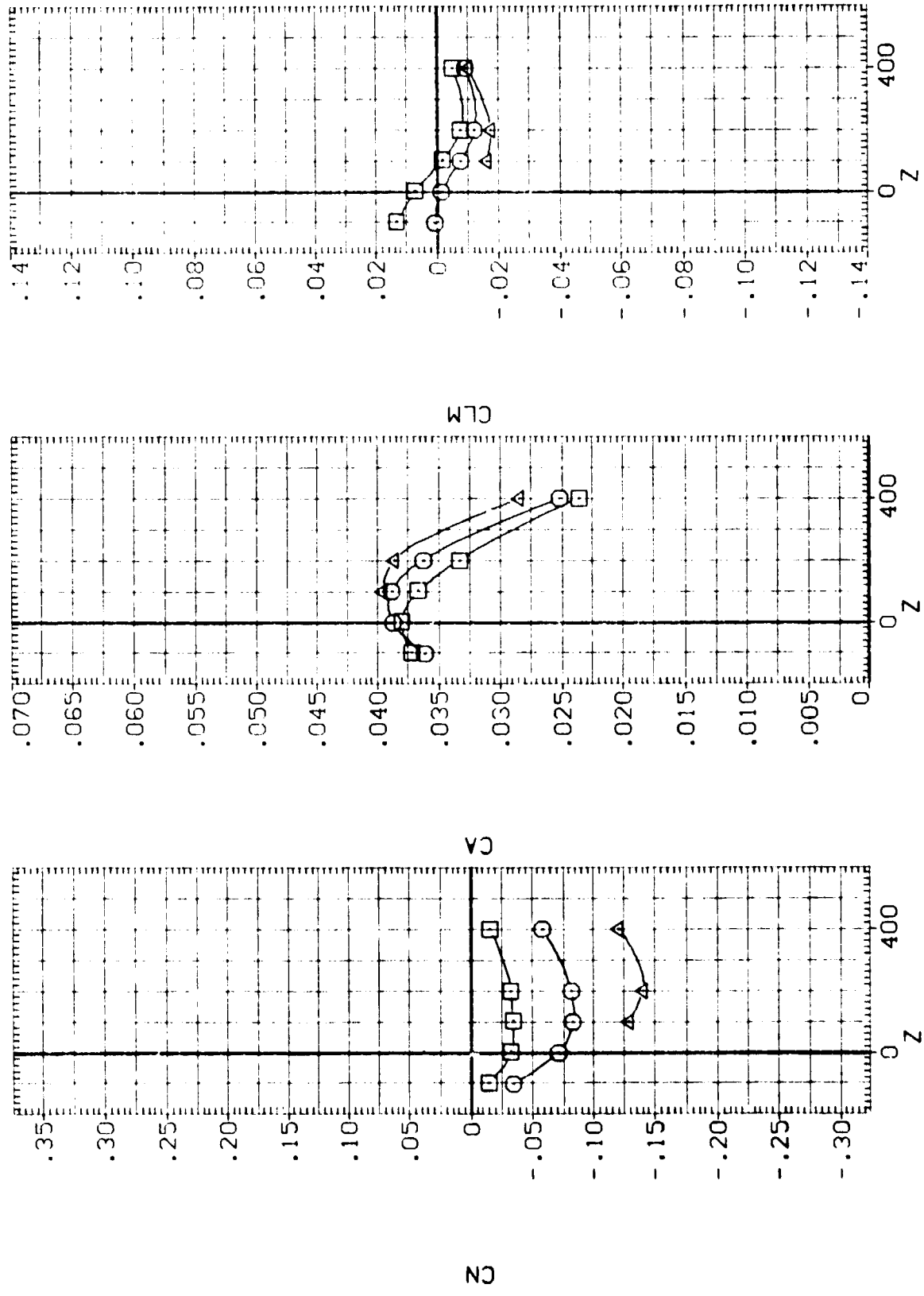


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=-5.9 BETA=10.8)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU155)	AEDC/VAS28(1A87)-01ET1S1-R/H	.200	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU158)	AEDC/VAS28(1A87)-01ET1S1-R/H	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU159)	AEDC/VAS28(1A87)-01ET1S1-R/H	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
						YMRP 1258.5000 IN. XS
						ZMRP .0000 IN. YS
						SCALE 400.0000 IN. ZS

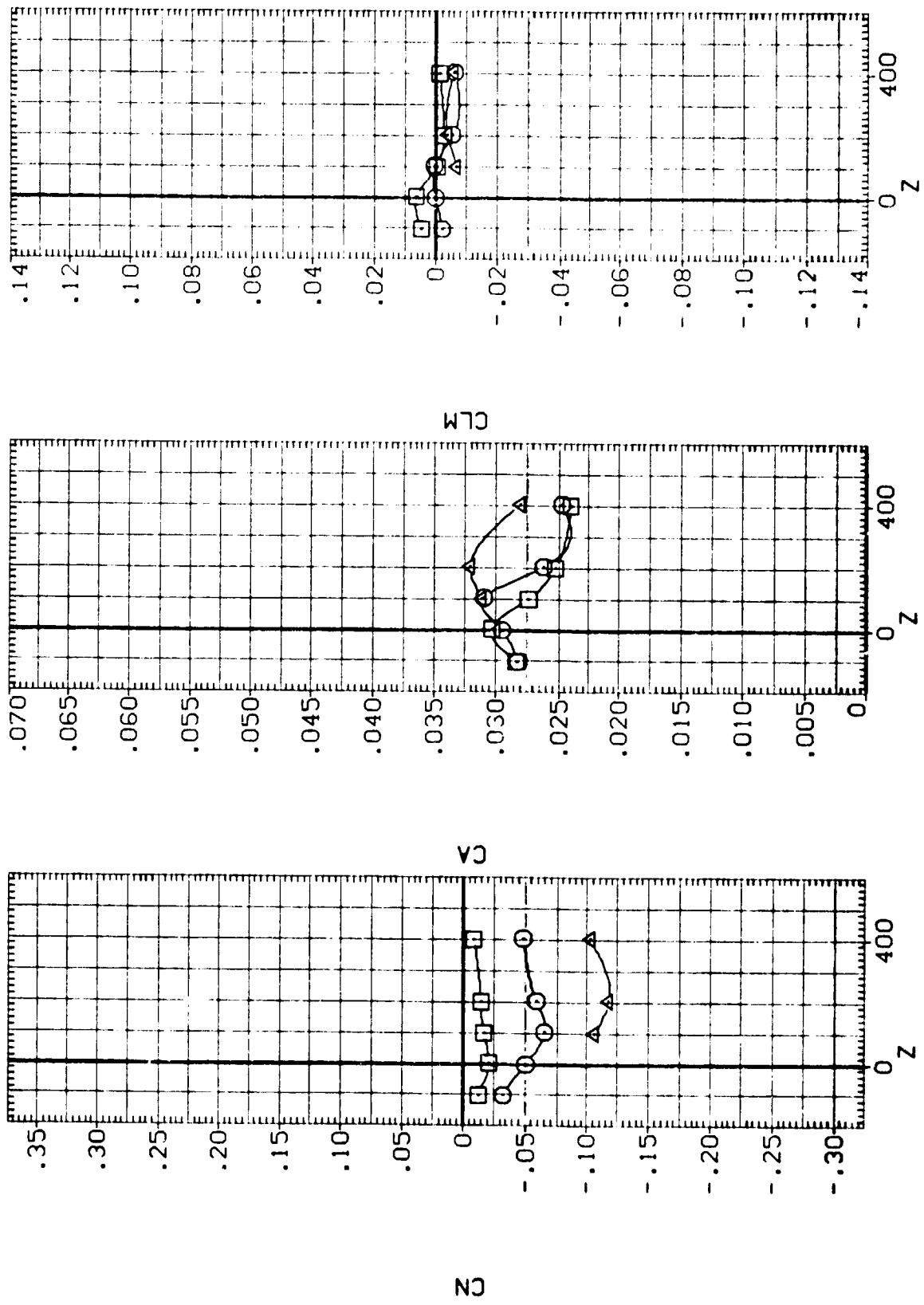


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM C/ET (ALPHA=-5.9 BETA=10.8)

(B)Y =100.00

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	SRB SEPAR. FROM O/EET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU155)	AEDC/VA528((AB7))-O1ET1S1-R/H	SRB SEPAR. FROM O/EET	.200	.000	.000	4.520	SREF 2630.0000 SO.FT.
(ATU158)	AEDC/VA528((AB7))-O1ET1S1-R/H	SRB SEPAR. FROM O/EET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU159)	AEDC/VA528((AB7))-O1ET1S1-R/H	SRB SEPAR. FROM O/EET	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

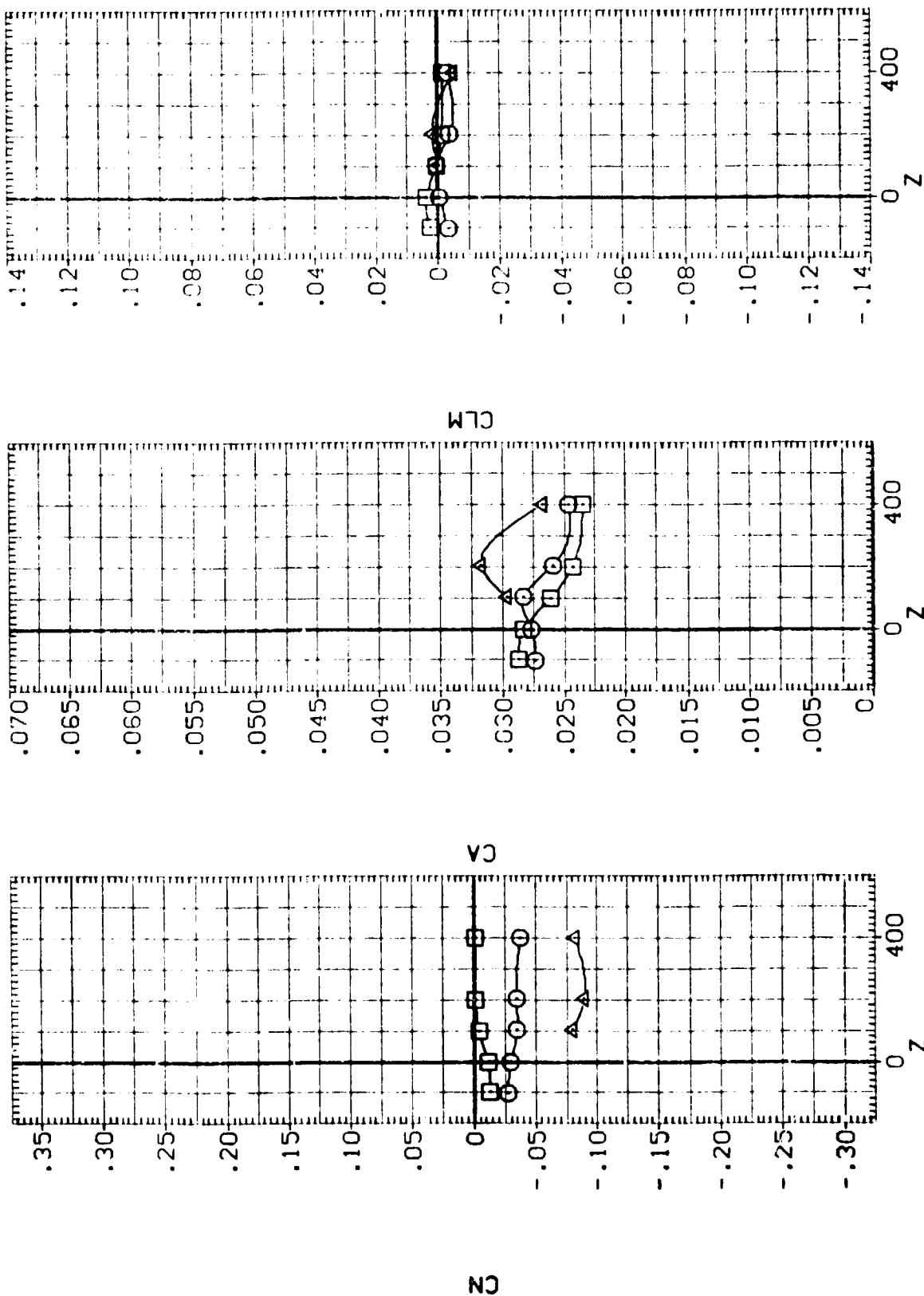


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/EET (ALPHA=-5.9 BETA=10.8)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU155)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU158)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU159)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP .0300 IN. YS
							SCALE 400.0000 IN. ZS

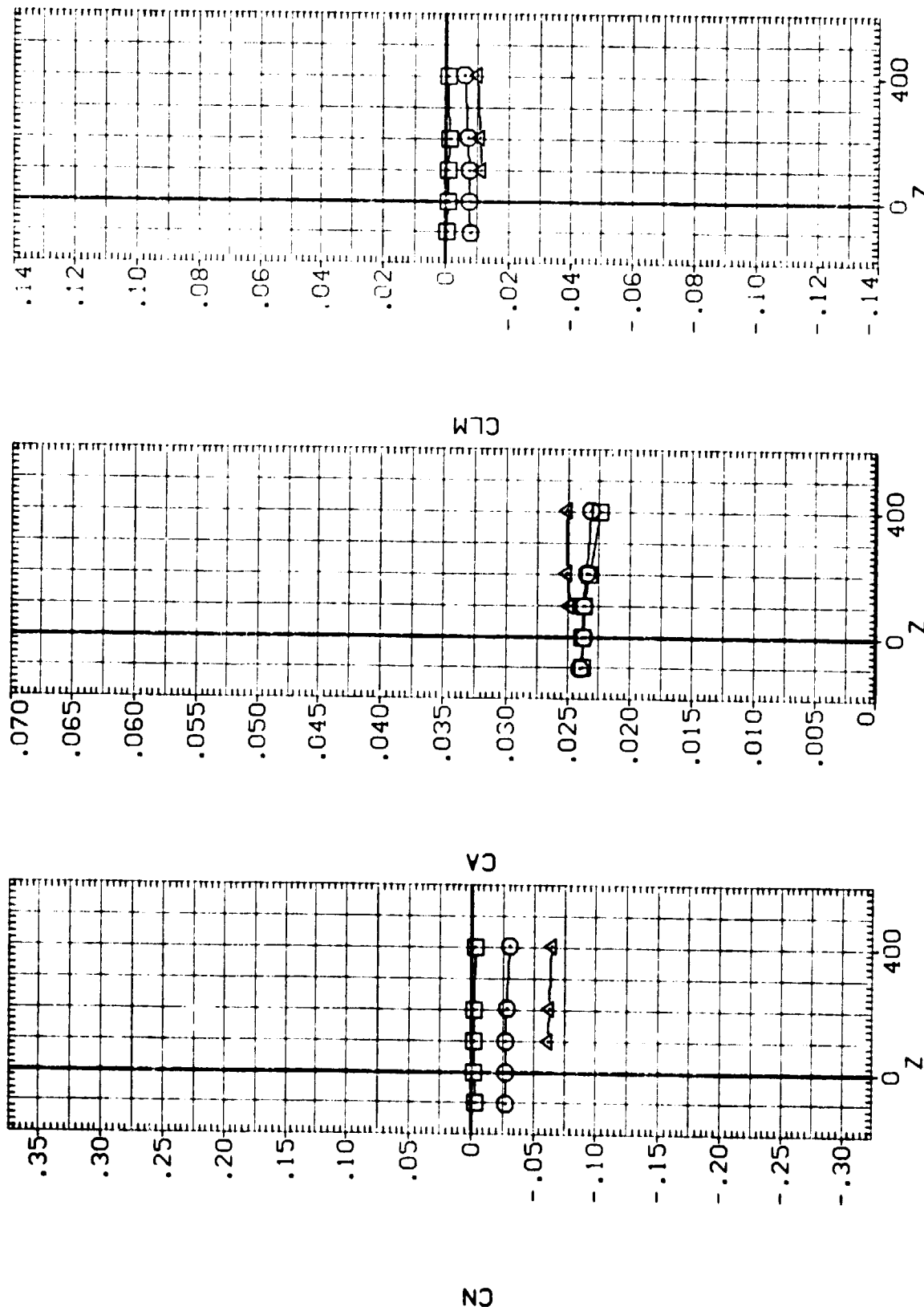


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(D)Y =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATUI55) AEDC/VA528(1A87)-01ETIS1-R/H SRB SEPAR. FROM 0/ET

(ATUI58) AEDC/VA528(1A87)-01ETIS1-R/H SRB SEPAR. FROM 0/ET

(ATUI59) AEDC/VA528(1A87)-01ETIS1-R/H SRB SEPAR. FROM 0/ET

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATUI55) AEDC/VA528(1A87)-01ETIS1-R/H SRB SEPAR. FROM 0/ET

(ATUI58) AEDC/VA528(1A87)-01ETIS1-R/H SRB SEPAR. FROM 0/ET

(ATUI59) AEDC/VA528(1A87)-01ETIS1-R/H SRB SEPAR. FROM 0/ET

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATUI55) AEDC/VA528(1A87)-01ETIS1-R/H SRB SEPAR. FROM 0/ET

(ATUI58) AEDC/VA528(1A87)-01ETIS1-R/H SRB SEPAR. FROM 0/ET

(ATUI59) AEDC/VA528(1A87)-01ETIS1-R/H SRB SEPAR. FROM 0/ET

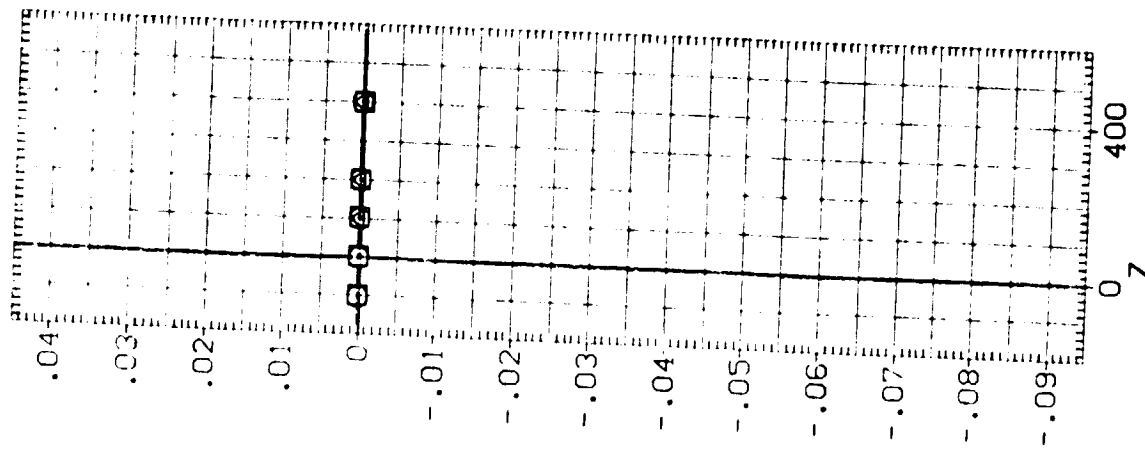
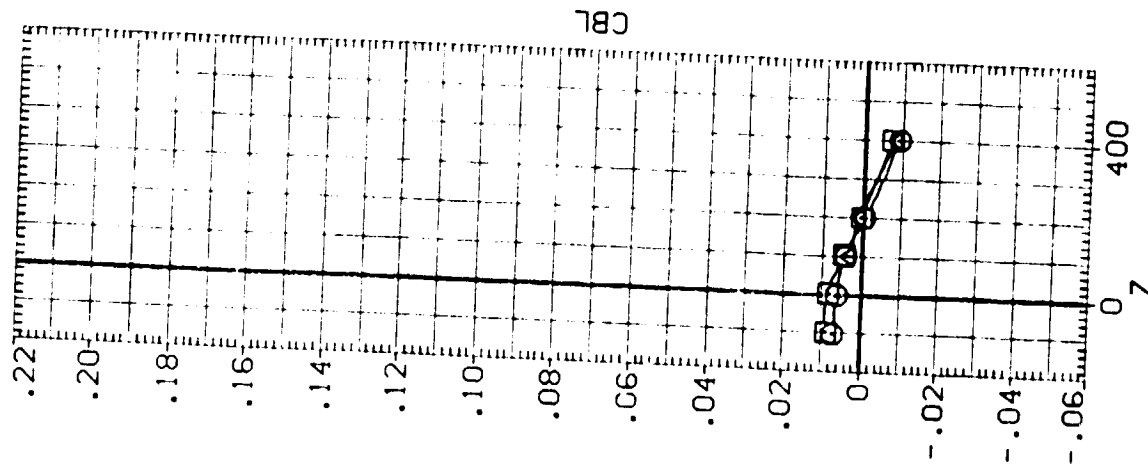
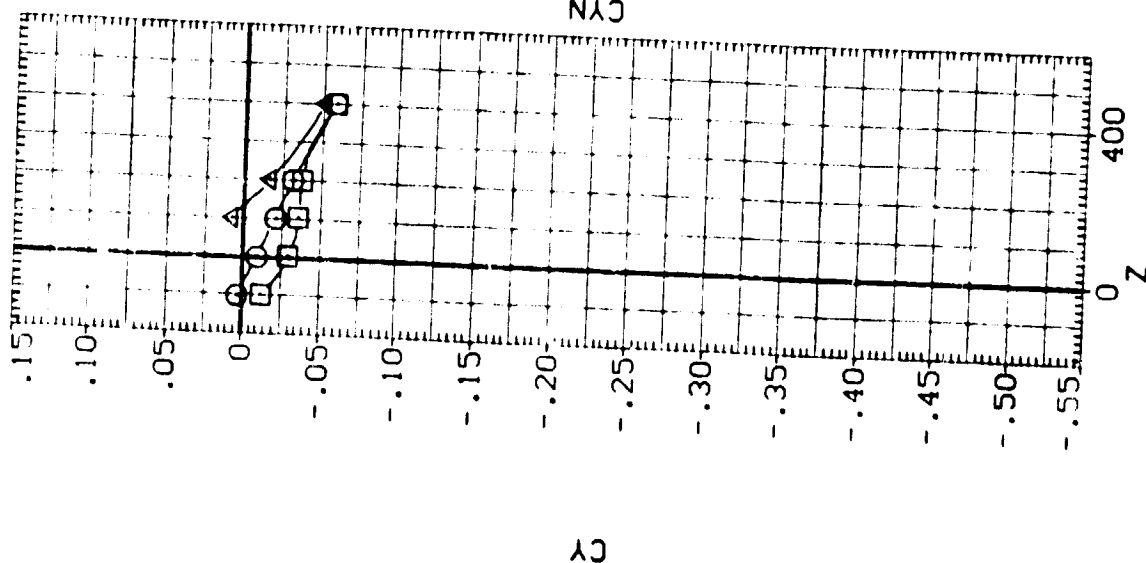


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=-5.9 BETA=10.8)

(A)Y = 10.00

MACH		REFERENCE INFORMATION	
4.520	SREF	2600.0000	SQ.FT.
4.520	LBRE	1900.3000	INCHES
4.520	BREF	2900.0000	INCHES
	YMRP	258.5000	IN. XS
	YMRP	0.0000	IN. YS
	ZMRP	400.0000	IN. ZS
	SCALE	0.0100	

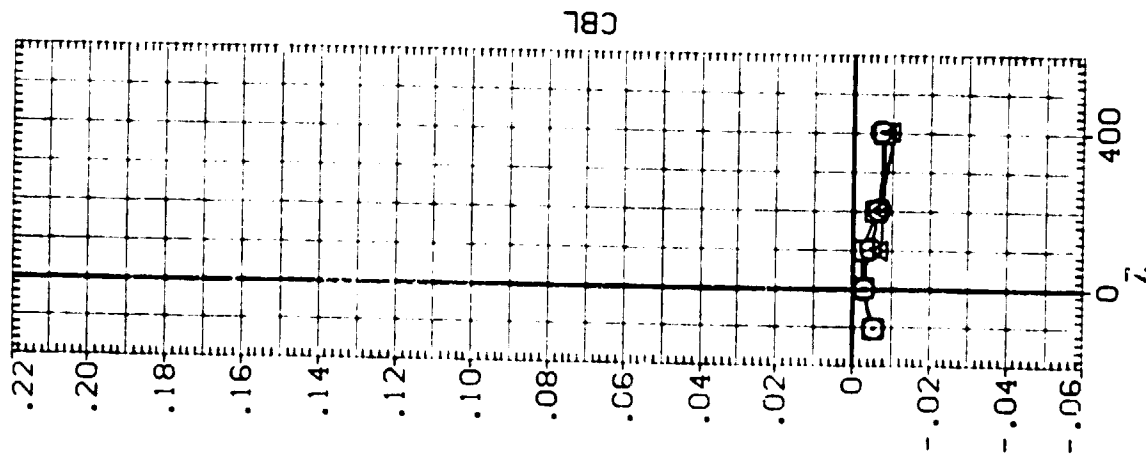




FIG. 9 RIGHT SRB AERO CHARACTERISTICS FROM Q/ET (ALPHA=-5.9 BETA=10.8)

DATA SET SYMBOL CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ETISI-R/H SRB SEPAR. FROM O/ET AEDC/VAS28(1A87)-01ETISI-R/H SRB SEPAR. FROM O/ET AEDC/VAS28(1A87)-01ETISI-R/H SRB SEPAR. FROM O/ET

(ATU155) (ATU158) (ATU159)

DATA SET SYMBOL:  

REFERENCE INFL TION

REFERENCE INFL	TION
SRBF 2590.0000	SO. FT.
LRBF 1290.3000	INCHES
BRBF 1290.3000	INCHES
AMRP 1258.5000	IN. XS
YMRP .0000	IN. YS
ZMRP .0000	IN. ZS
SCALE 400.0000	
	.0100

MACH 4.520

X .000

DBETA .000

DALPHA .200

SEPAR. FROM O/ET 5.200

SEPAR. FROM O/ET -4.800

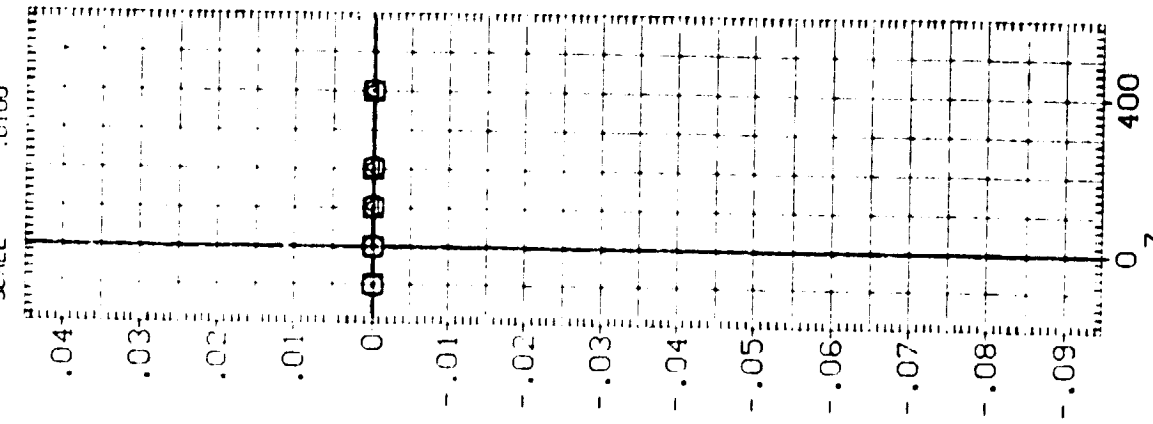
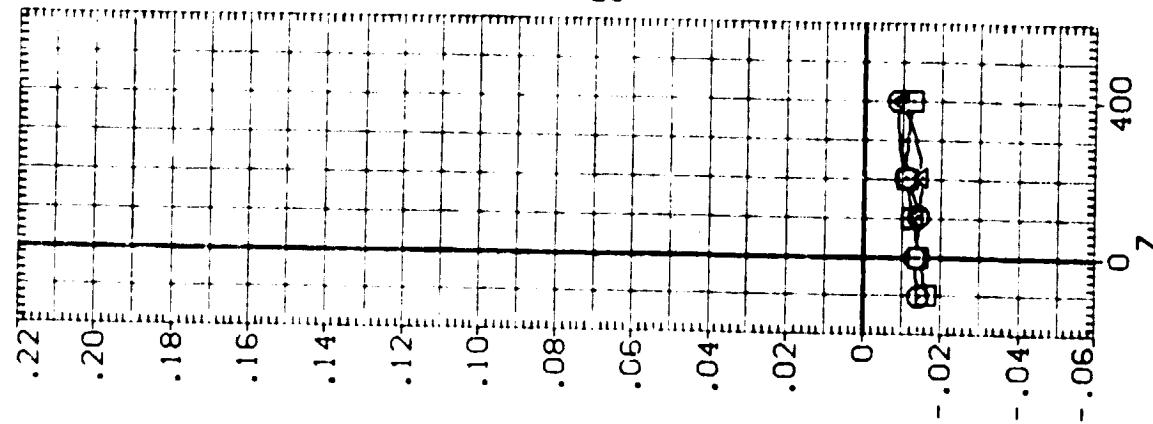
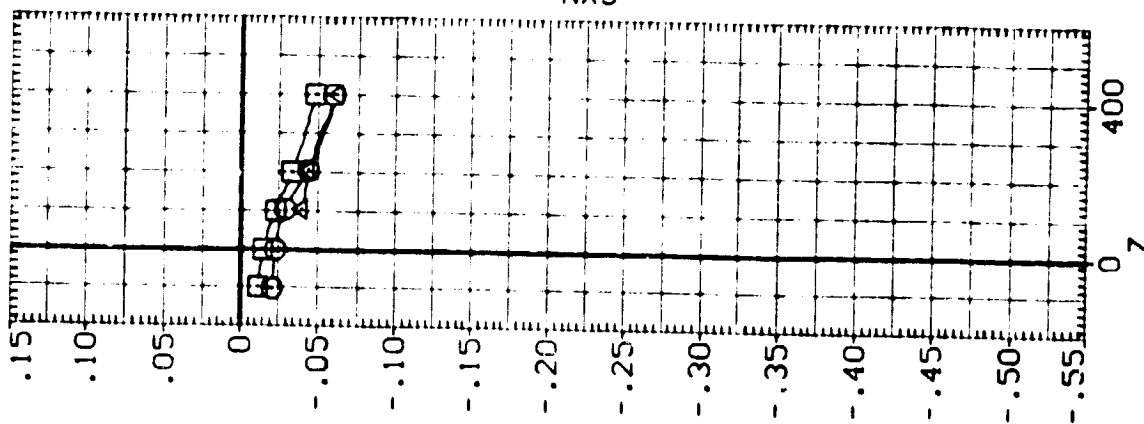


FIG.9 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=-5.9 BETA=10.8)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI55)	AEDC/VA528(1A87)-01ET151-R/H	.200	.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATUI58)	AEDC/VA528(1A87)-01ET151-R/H	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI59)	AEDC/VA528(1A87)-01ET151-R/H	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

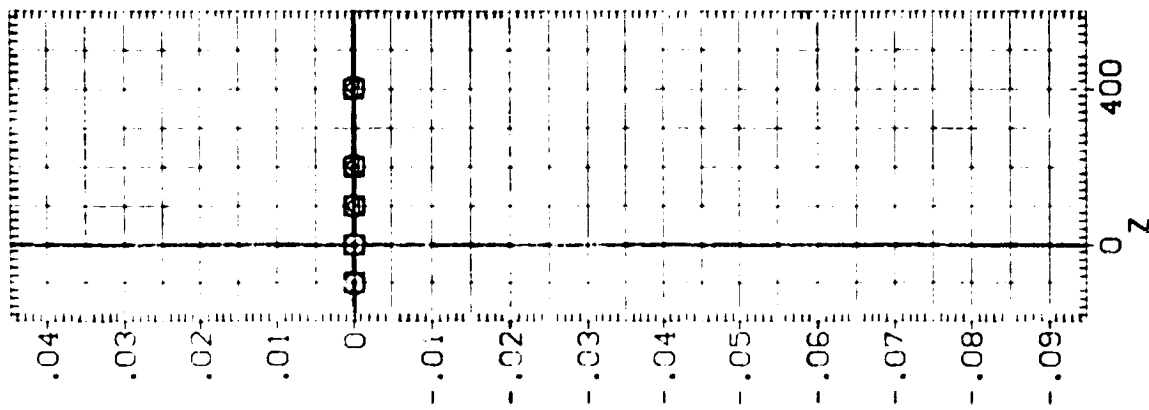
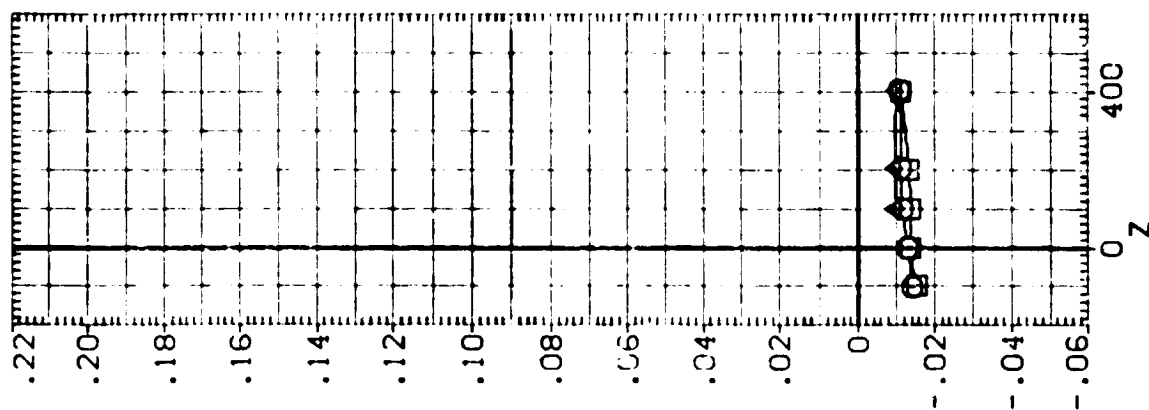
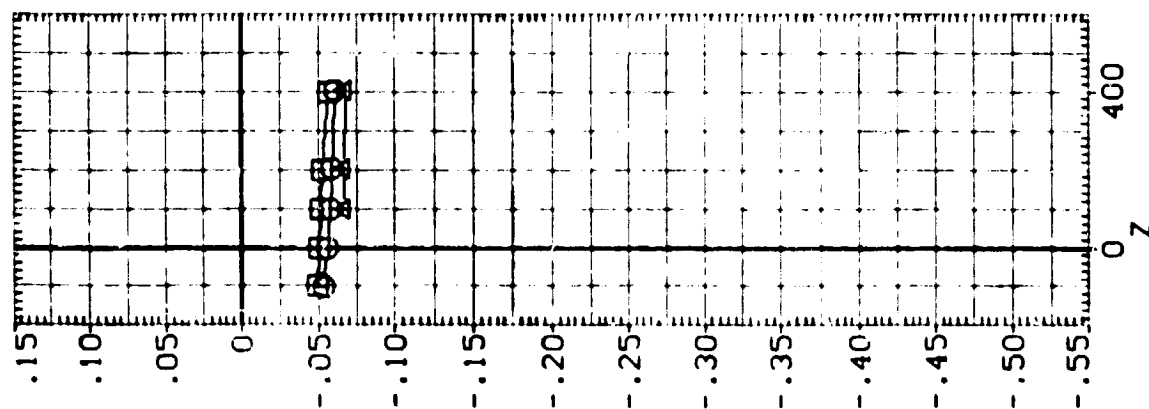


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(O)Y =400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU156)	AEDC/VAS28(1A87)-01ET1S1-R/H	.200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU157)	AEDC/VAS28(1A87)-01ET1S1-R/H	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU160)	AEDC/VAS28(1A87)-01ET1S1-R/H	-4.800	.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1258.5000 IN. XS
						ZMRP .0000 IN. YS
						SCALE 400 .0100

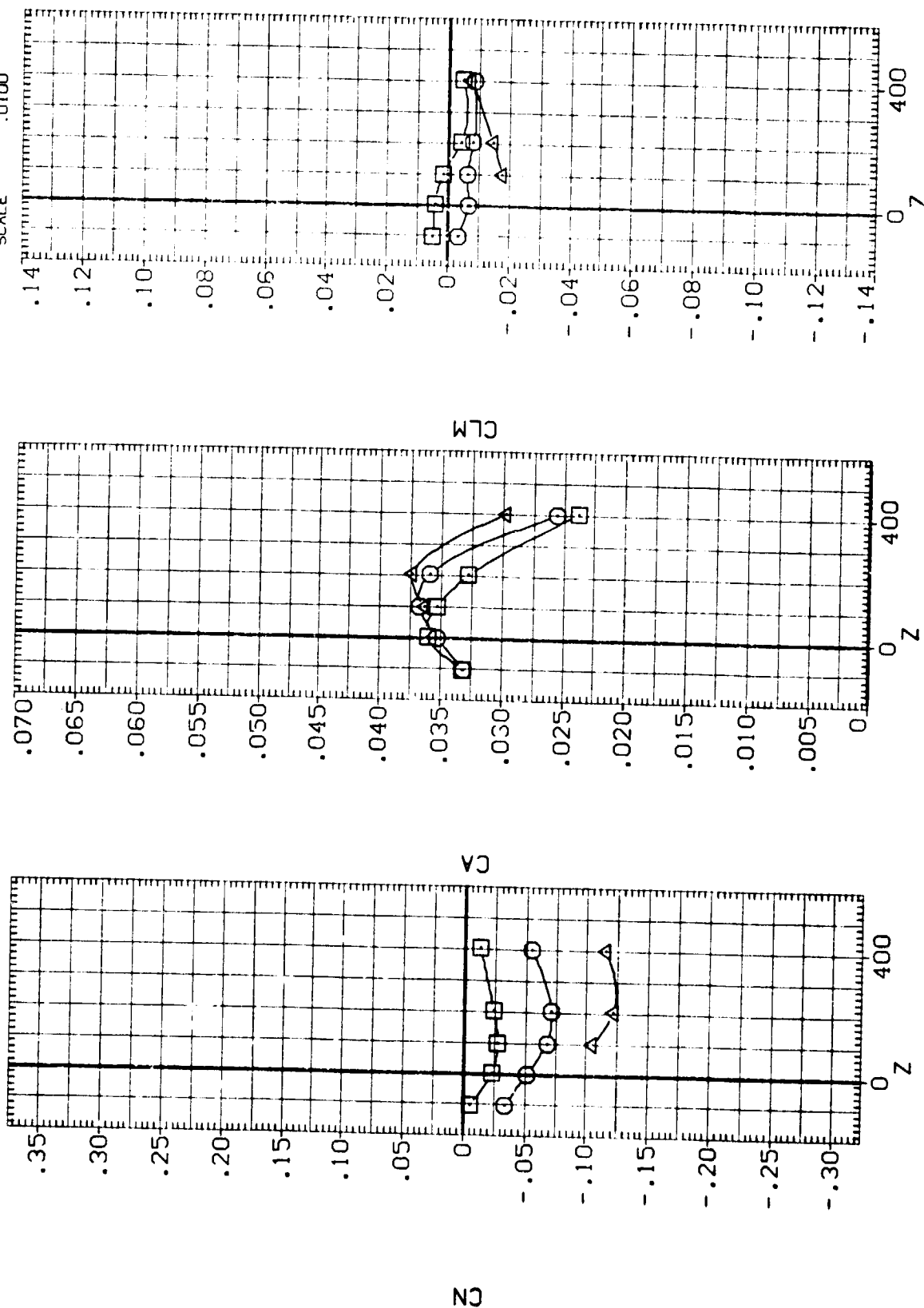


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(B)Y =100.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		SRB SEPAR. FROM O/ET		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(ATUI56)	□	AEDC/VAS28(IAB7)-01ETISI-R/H	SRB SEPAR. FROM O/ET	.200	.000	300.000	4.520	SREF	2690.0000	SO. FT.					
(ATUI57)	○	AEDC/VAS28(IAB7)-01ETISI-R/H	SRB SEPAR. FROM O/ET	5.200	.000	300.000	4.520	LREF	1290.3000	INCHES					
(ATUI60)	△	AEDC/VAS28(IAB7)-01ETISI-R/H	SRB SEPAR. FROM O/ET	-4.800	.000	300.000	4.520	BREF	1290.3000	INCHES					
								XMRP	1290.5000	IN. XS					
								YMRP	.0000	IN. YS					
								ZMRP	400.0000	IN. ZS					
								SCALE	.0100						

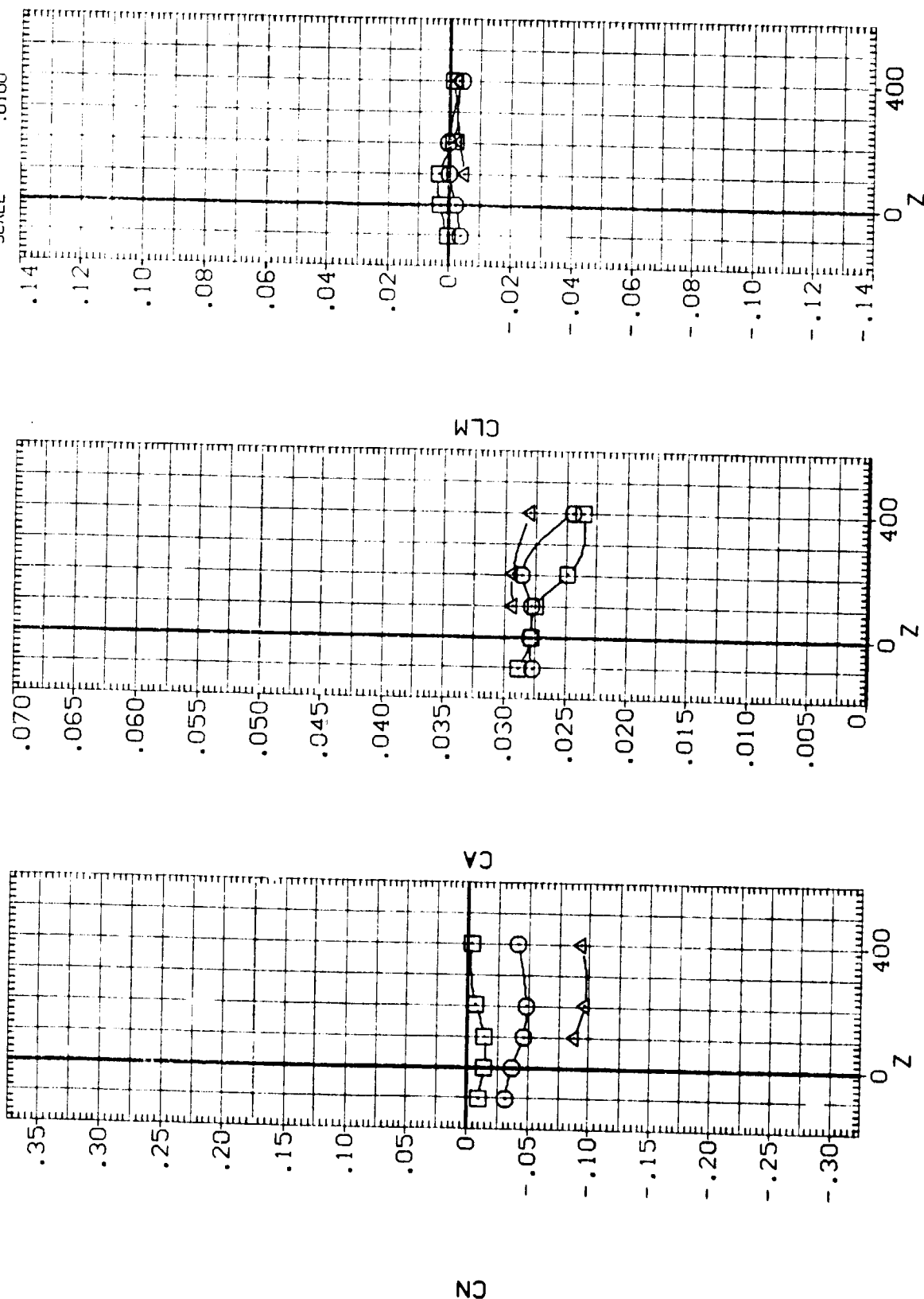


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU156)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	.200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU157)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU163)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	-4.800	.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

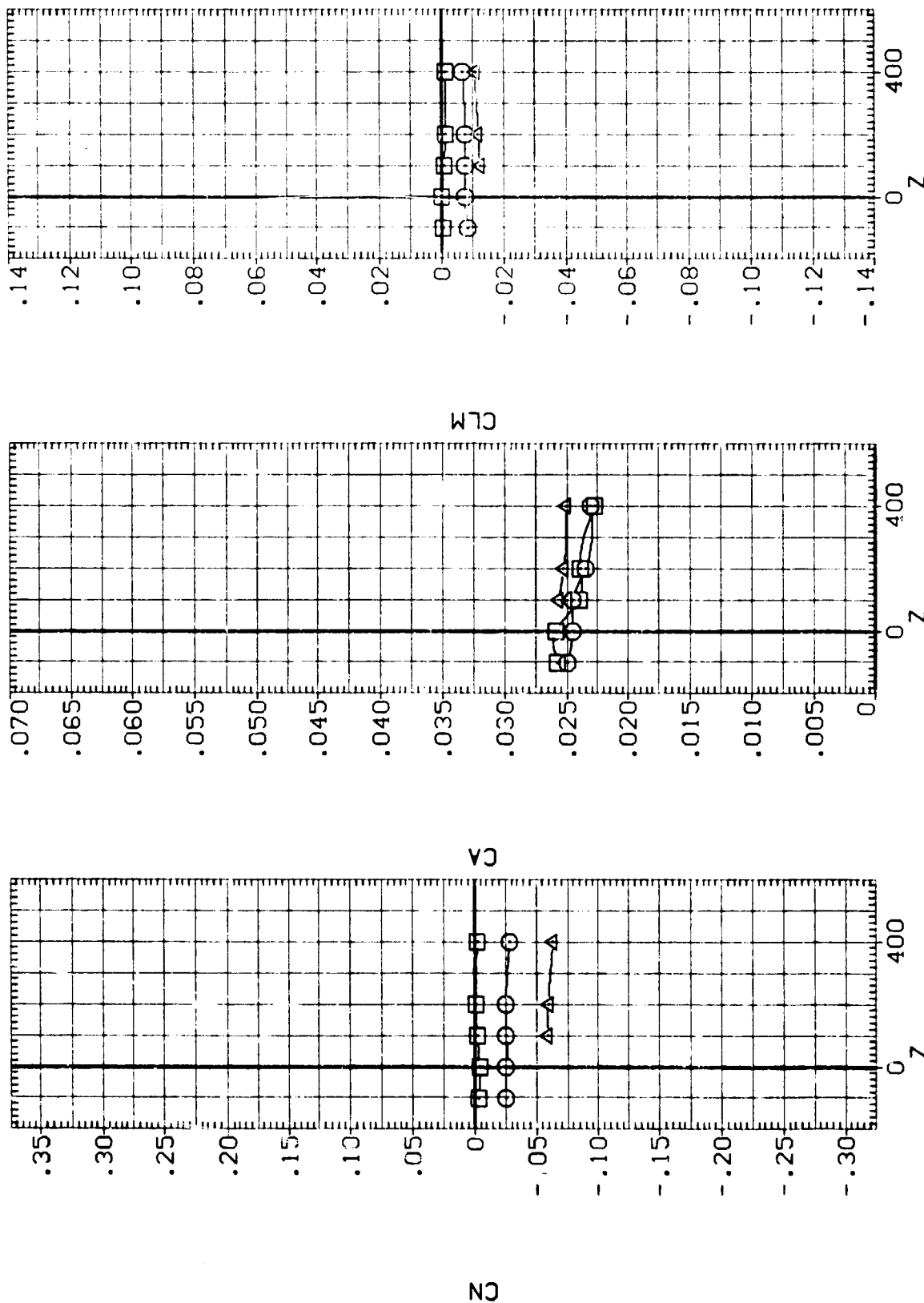


FIG.9 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU156)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM 0/ET	.200	.000	300.000	4.520	2690.0000 SQ.FT.
(ATU157)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM 0/ET	5.200	.000	300.000	4.520	1290.3000 INCHES
(ATU160)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM 0/ET	-4.600	.000	300.000	4.520	1290.3000 INCHES
							XMRP 1298.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

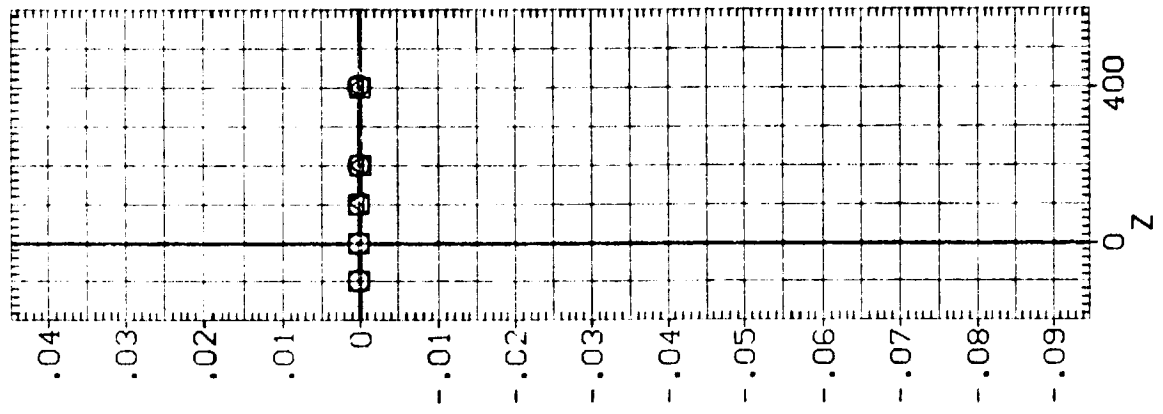
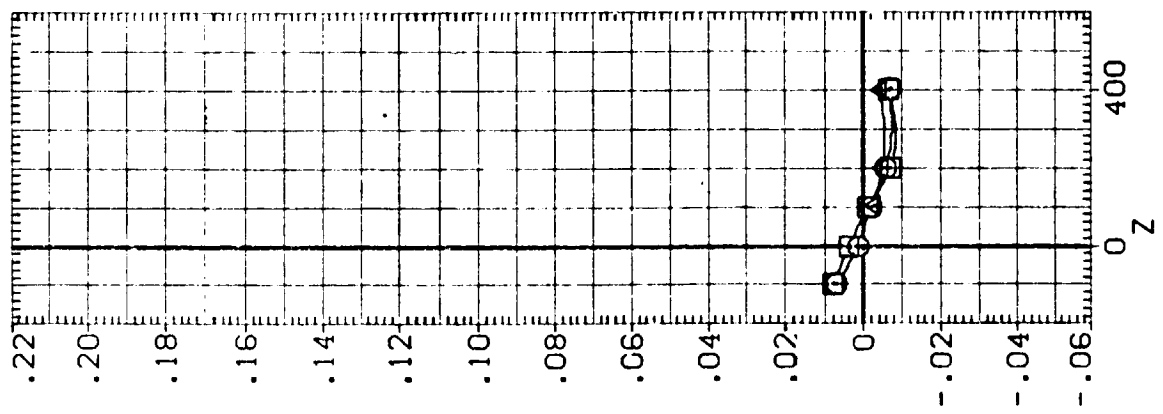
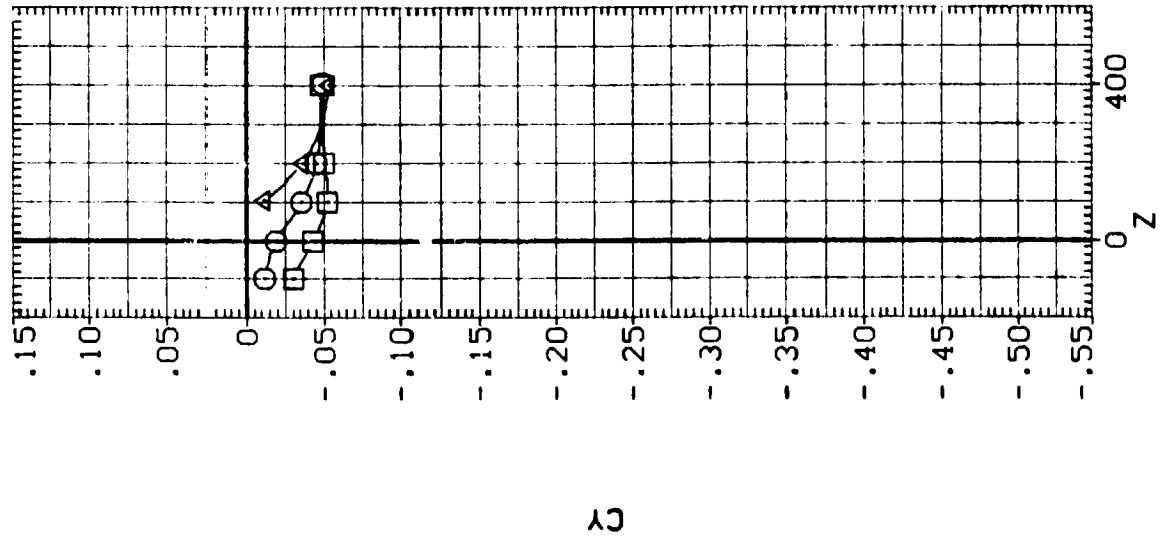


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=-5.9 BETA=10.8)

(A)Y = 10.00

DATA SET SYMBOL  
 (ATU156)  
 (ATU157)  
 (ATU160)

CONFIGURATION DESCRIPTION  
 AEDC/VA528(1A87)-01ET1S1-R/H  
 AEDC/VA528(1A87)-01ET1S1-R/H  
 AEDC/VA528(1A87)-01ET1S1-R/H

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

DBETA  
 .000  
 .000  
 .000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SQ.FT.  
 INCHES  
 IN. YS  
 IN. ZS

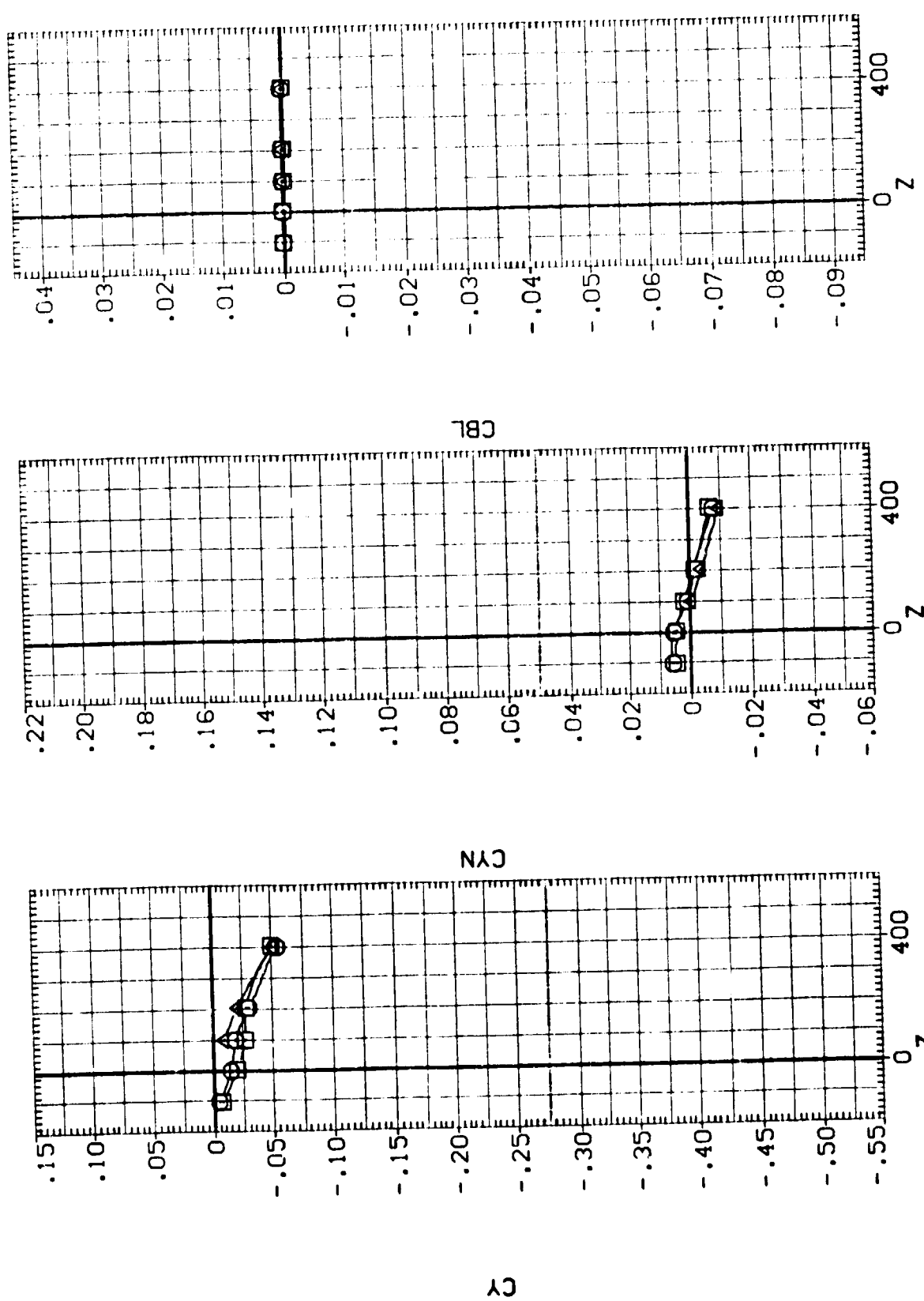


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)  
 (B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU156)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	.200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU157)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU160)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	-4.800	.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

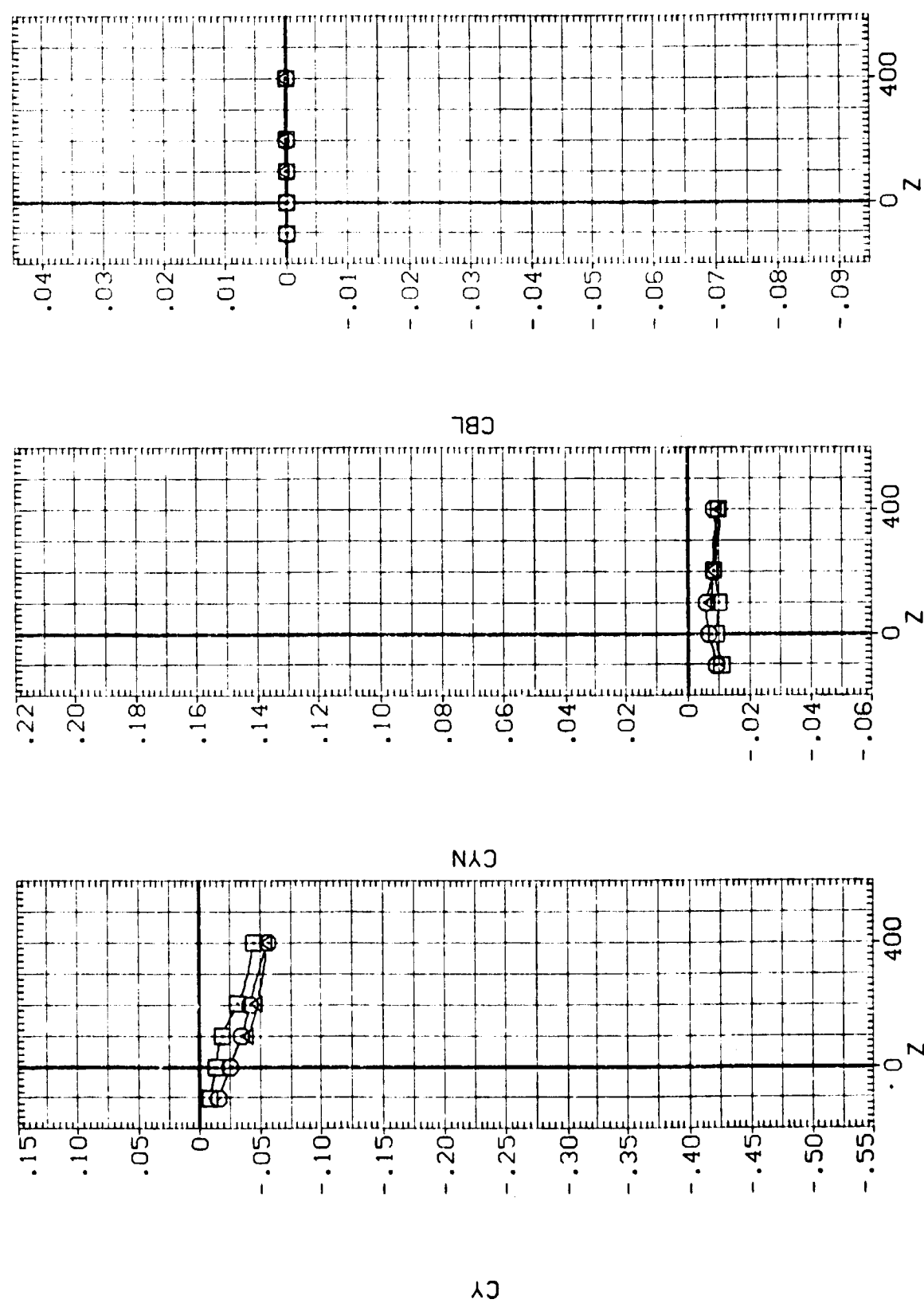


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=-5.9 BETA=10.8)

(C)Y =200.00

# DATA SET SYMBOL

(ATU156)  
(ATU157)  
(ATU160)

## CONFIGURATION DESCRIPTION

AEDC/VAS28(IAB7)-O1ETISI-R/H  
AEDC/VAS28(IAB7)-O1ETISI-R/H  
AEDC/VAS28(IAB7)-O1ETISI-R/H

SRB SEPAR.FROM O/ET  
SRB SEPAR.FROM O/ET  
SRB SEPAR.FROM O/ET

DALPHA DBETA X  
.200 .000 300.000  
5.200 .000 300.000  
-4.800 .000 300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

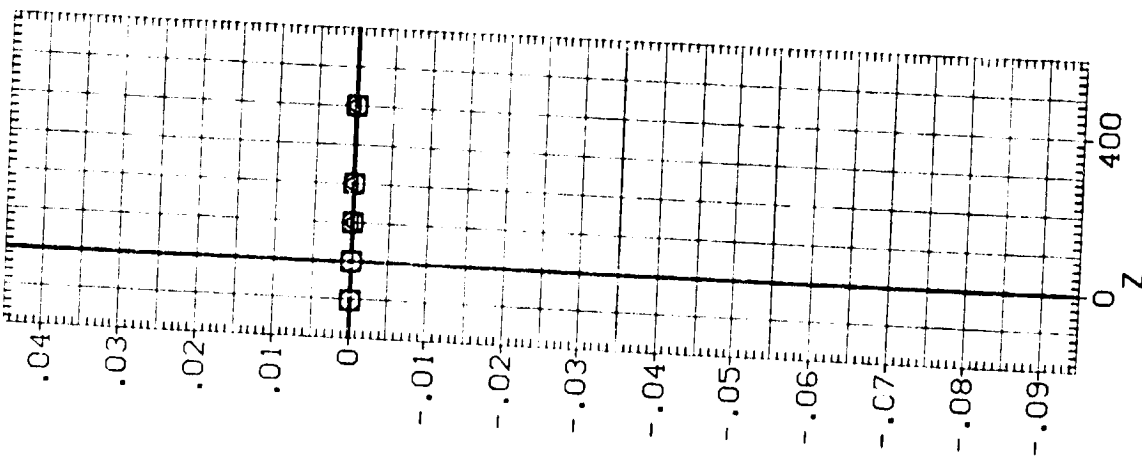
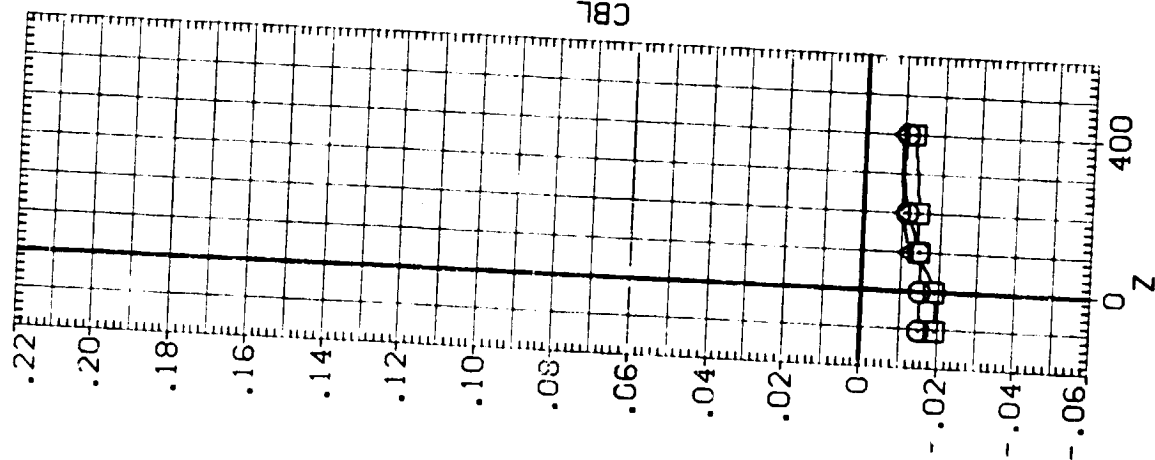
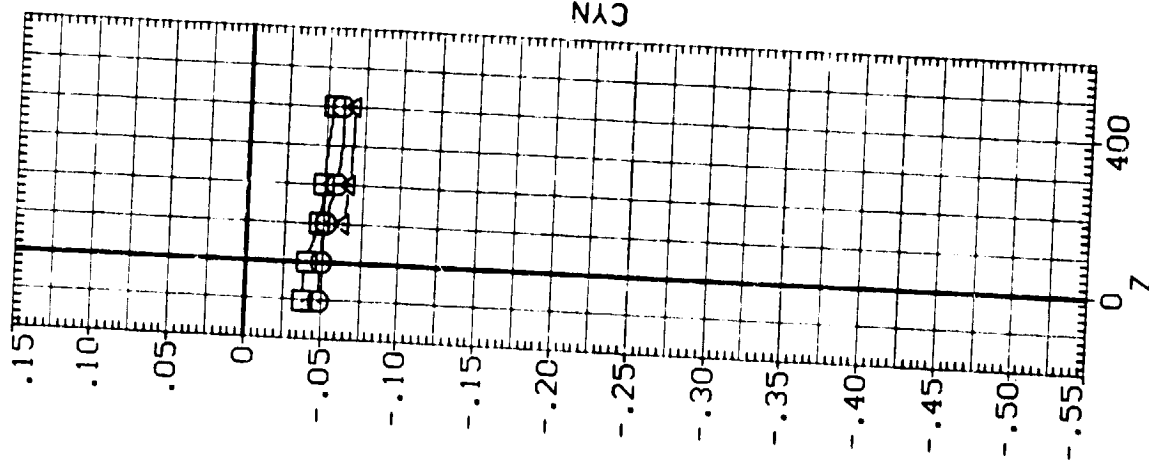


FIG.9 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)  
(O)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DBETA	MACH	REFERENCE INFTION
(ATUI61)	AEDC/VA528(1A87)-O1ETIS1-R/H	SRB SEPAR. FROM O/ET	DBETA	4.520	2690.000G SO.FT.
(ATUI64)	AEDC/VA528(1A87)-O1ETIS1-R/H	SRB SEPAR. FROM O/ET	DBETA	4.520	1290.3000 INCHES
(ATUI65)	AEDC/VA528(1A87)-O1ETIS1-R/H	SRB SEPAR. FROM O/ET	DBETA	4.520	1290.3000 INCHES
					1258.5000 IN. XS
					1258.5000 IN. XS
					400.0000 IN. ZS
					SCALE .0100

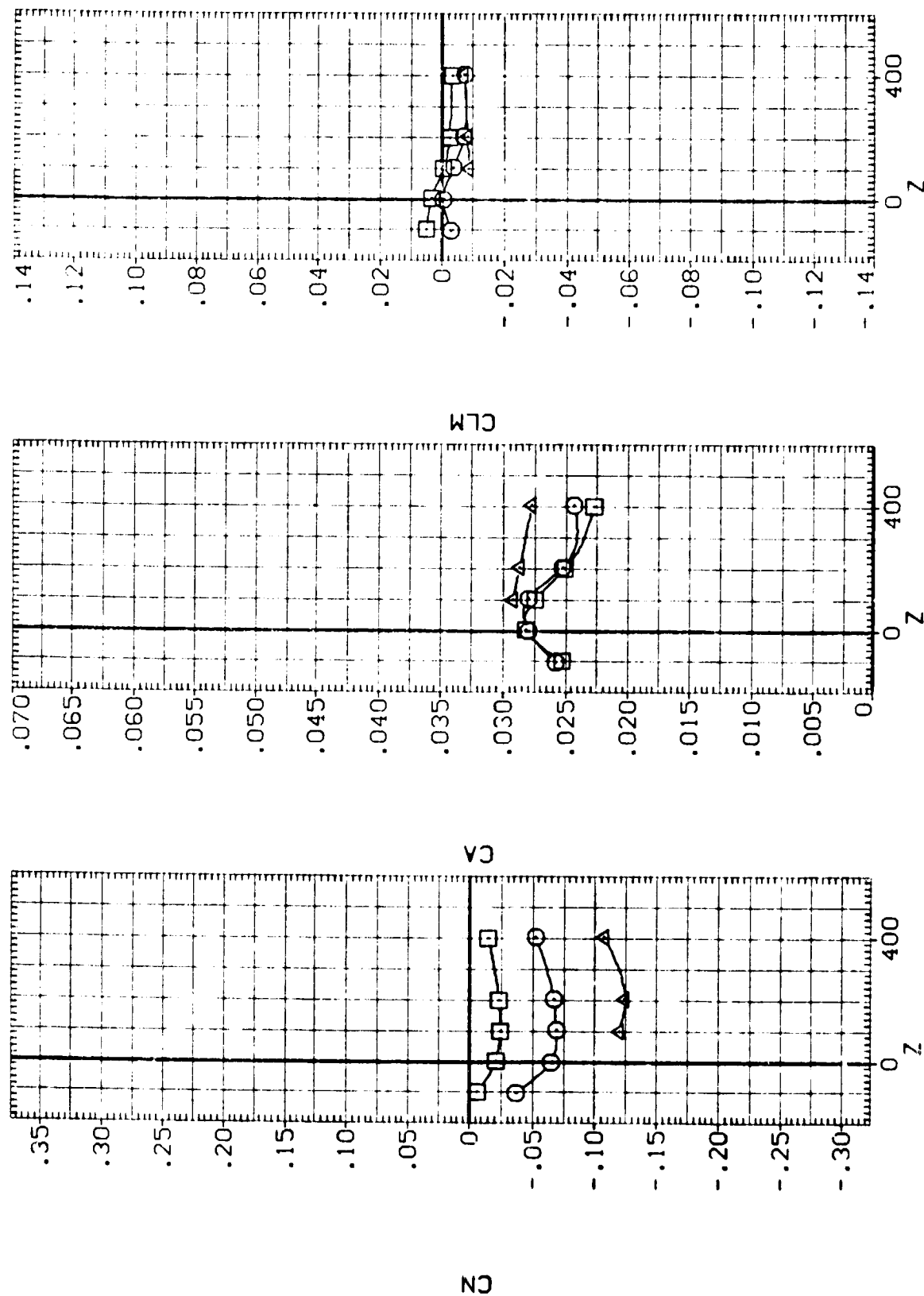


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/E	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI61)	AEDC/VAS281(A87)-01ETISI-R/H	SRB	2.200	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI64)	AEDC/VAS281(A87)-01ETISI-R/H	SRB	5.200	-4.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI65)	AEDC/VAS281(A87)-01ETISI-R/H	SRB	-4.800	-4.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

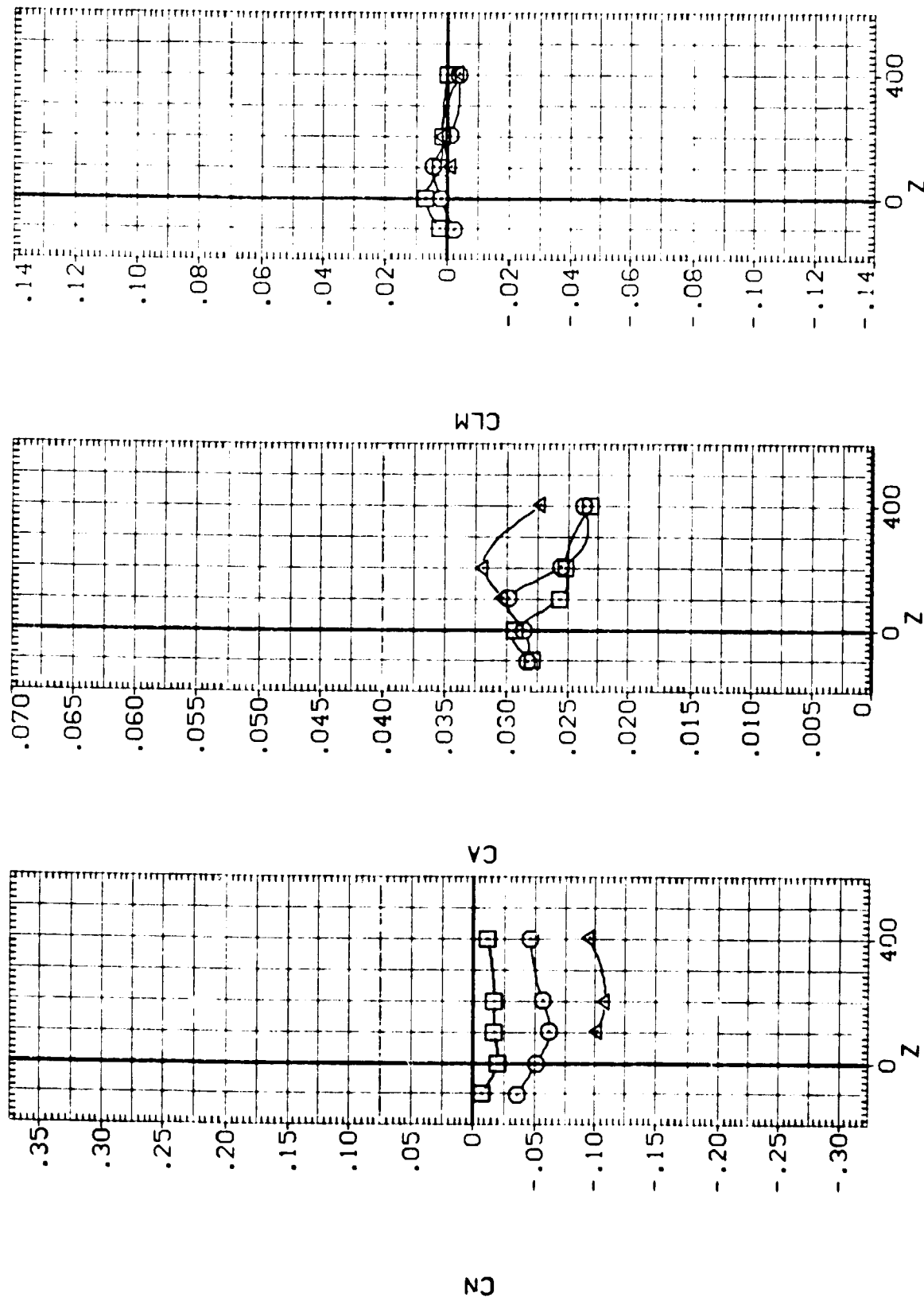
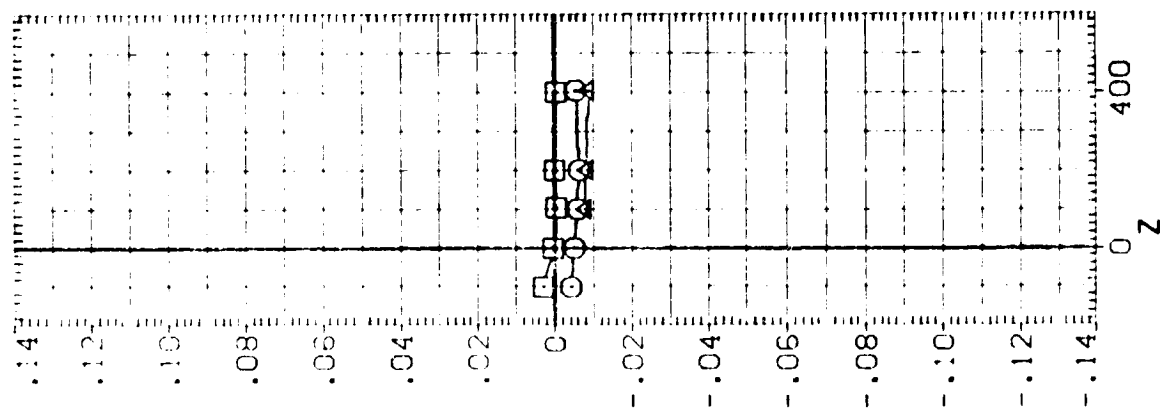


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/E (ALPHA=-5.9 BETA=10.8)

(C)Y =200.00

DATA SET SYMBOL	DATA SET SYMBOL
( ATUI61 )	( ATUI61 )
( ATUI64 )	( ATUI64 )
( ATUI65 )	( ATUI65 )



PAGE 199





DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATUI61) AEDC/VAS28(1A87)-JET ISI-R/H  
 (ATUI64) AEDC/VAS28(1A87)-OJET ISI-R/H  
 (ATUI65) AEDC/VAS28(1A87)-OJET ISI-R/H

SRB SEPAR. FROM OJET  
 SRB SEPAR. FROM OJET  
 SRB SEPAR. FROM OJET

DALPHA DBETA  
 .200 -4.000  
 5.200 -4.000  
 -4.800 -4.000

X .000  
 .000  
 .000

MACH 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. YS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

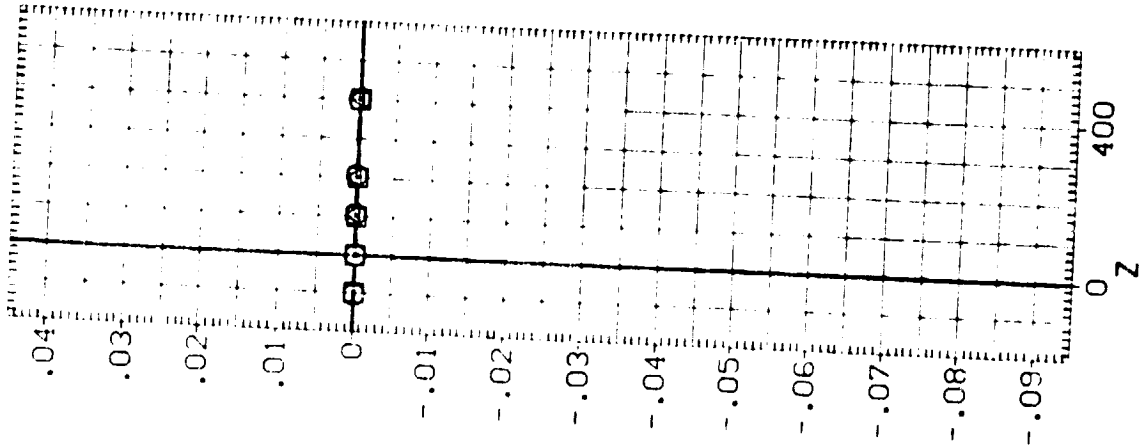
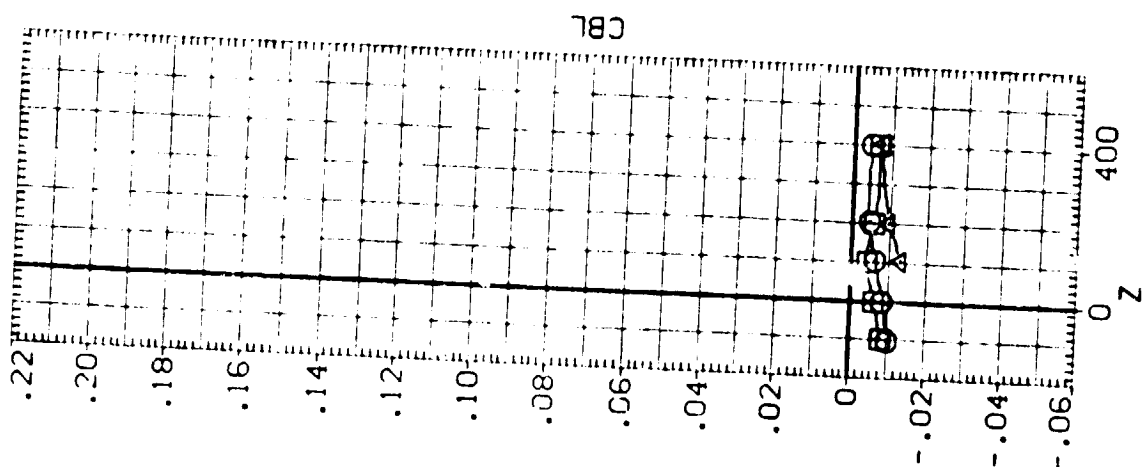
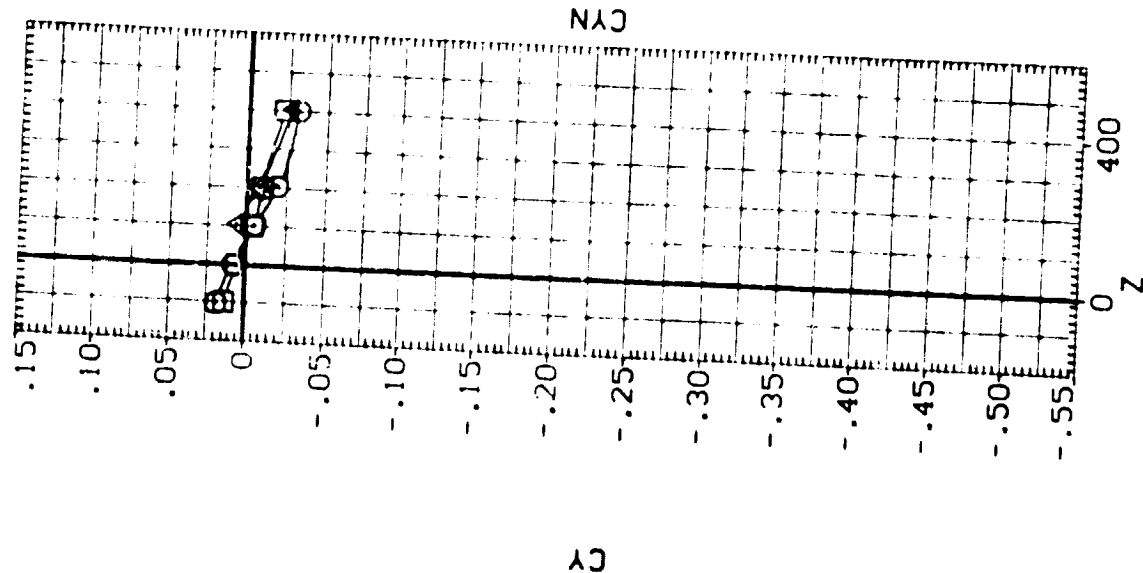


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM OJET (ALPHA=-5.9 BETA=10.8)  
 (C)Y =200.00

DATA SET SYMBOL: **QZ** CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET

REFERENCE INFORMATION: SREF 2690.0000 SO.FT. 1290.3000 INCHES 1290.3000 INCHES 1758.5000 IN. XS 0.0000 IN. YS 400.0000 IN. ZS 0.0100

MACH: 4.520 X: 0.000 DBETA: -4.000 DALPHA: 0.200 SRB SEPAR. FROM O/ET: 5.200 SRB SEPAR. FROM O/ET: -4.800

YMRP: 0.0000 ZMRP: 400.0000 SCALE: 0.0100

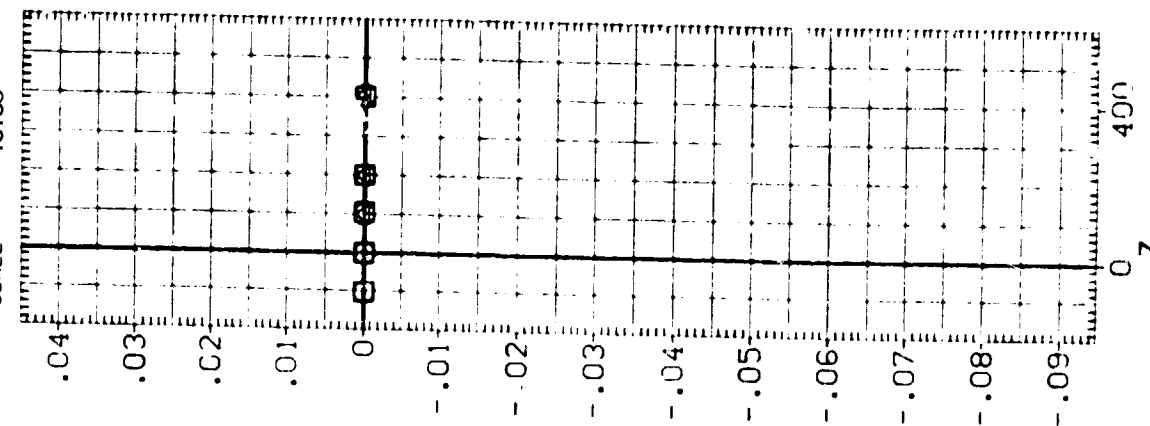
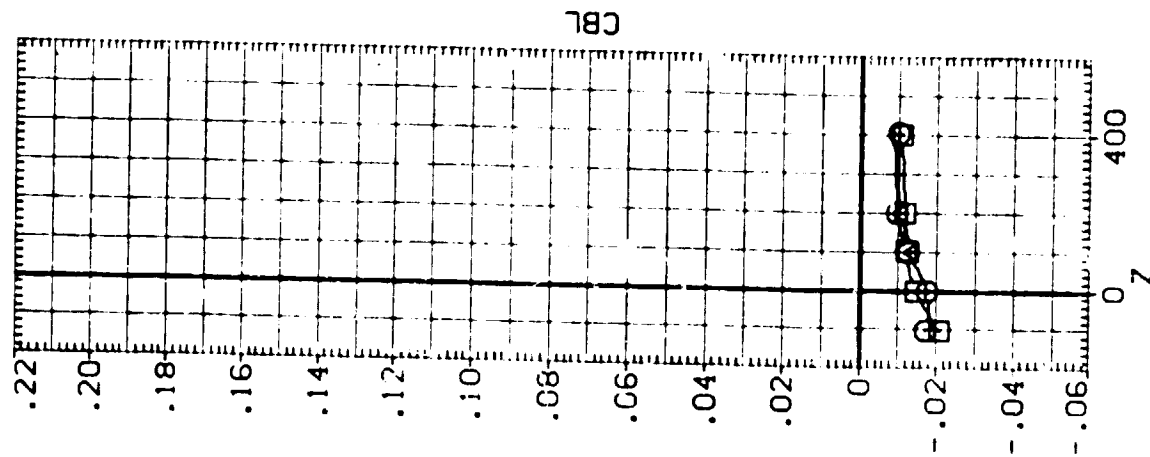
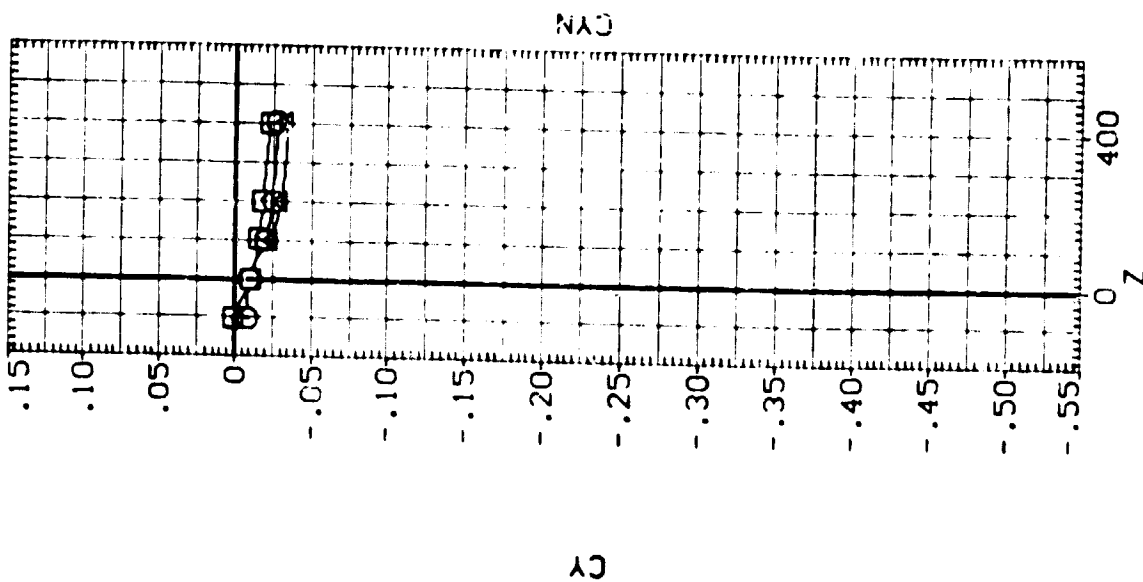


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(O)Y =400.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		MACH		REFERENCE INFORMATION	
(ATU162)	□	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	4.520	SREF	2690.0000	SQ.FT.
(ATU163)	○	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	4.520	LREF	1290.3000	INCHES
(ATU166)	△	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	4.520	BREF	1290.3000	INCHES
					AMRP	1258.5000	IN. XS
					YMRP	.0000	IN. YS
					ZMRP	400.0000	IN. ZS
					SCALE	.0100	

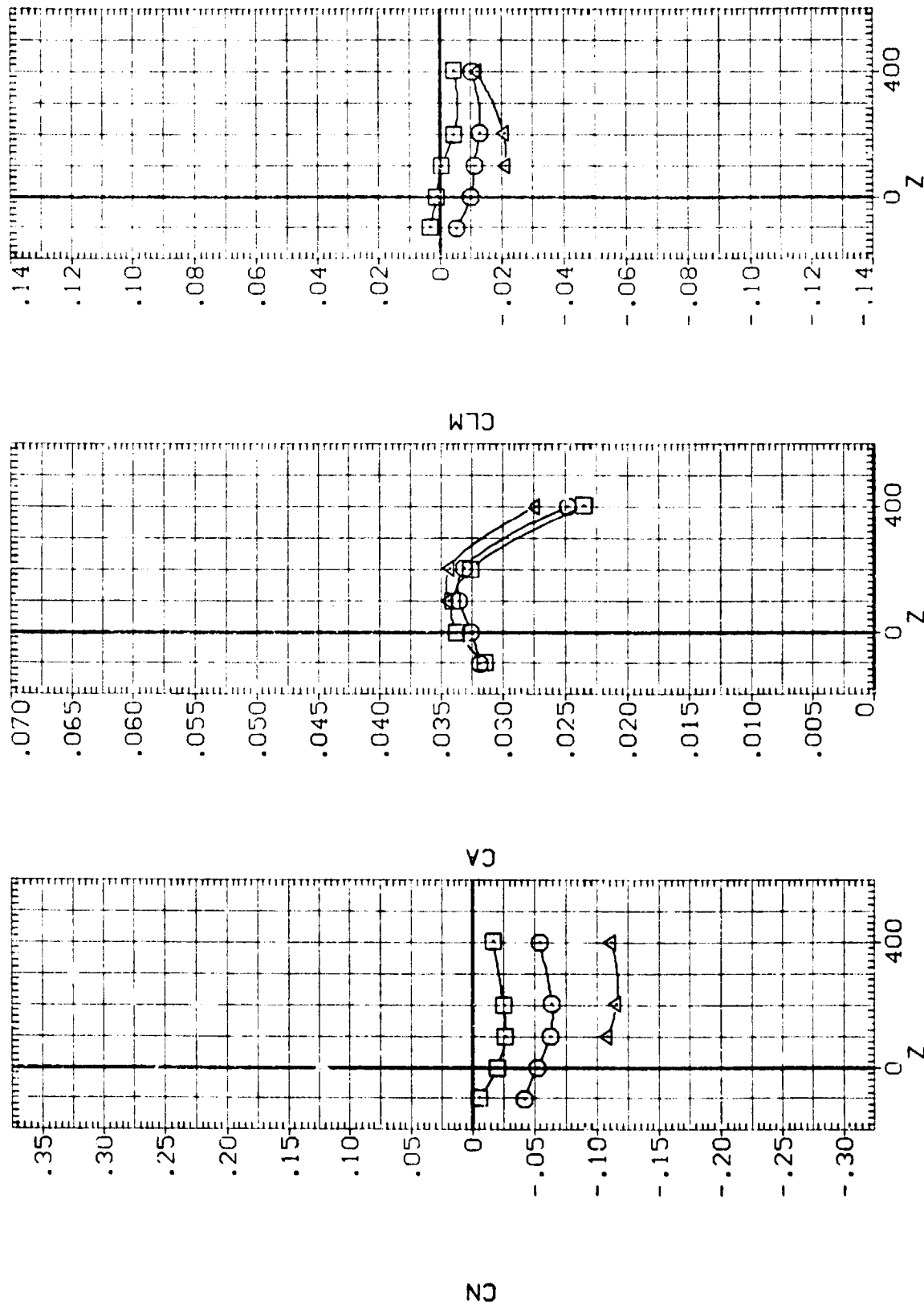


FIG.9 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=-5.9 BETA=10.8)

(B)Y =100.00

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(ATUI62)      AEDC/VA528(1A87)-01ETISI-R/H      SRB SEPAR. FROM O/ET

(ATUI63)      AEDC/VA528(1A87)-01ETISI-R/H      SRB SEPAR. FROM O/ET

(ATUI66)      AEDC/VA528(1A87)-01ETISI-R/H      SRB SEPAR. FROM O/ET

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(ATUI62)      AEDC/VA528(1A87)-01ETISI-R/H      SRB SEPAR. FROM O/ET

(ATUI63)      AEDC/VA528(1A87)-01ETISI-R/H      SRB SEPAR. FROM O/ET

(ATUI66)      AEDC/VA528(1A87)-01ETISI-R/H      SRB SEPAR. FROM O/ET

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(ATUI62)      AEDC/VA528(1A87)-01ETISI-R/H      SRB SEPAR. FROM O/ET

(ATUI63)      AEDC/VA528(1A87)-01ETISI-R/H      SRB SEPAR. FROM O/ET

(ATUI66)      AEDC/VA528(1A87)-01ETISI-R/H      SRB SEPAR. FROM O/ET

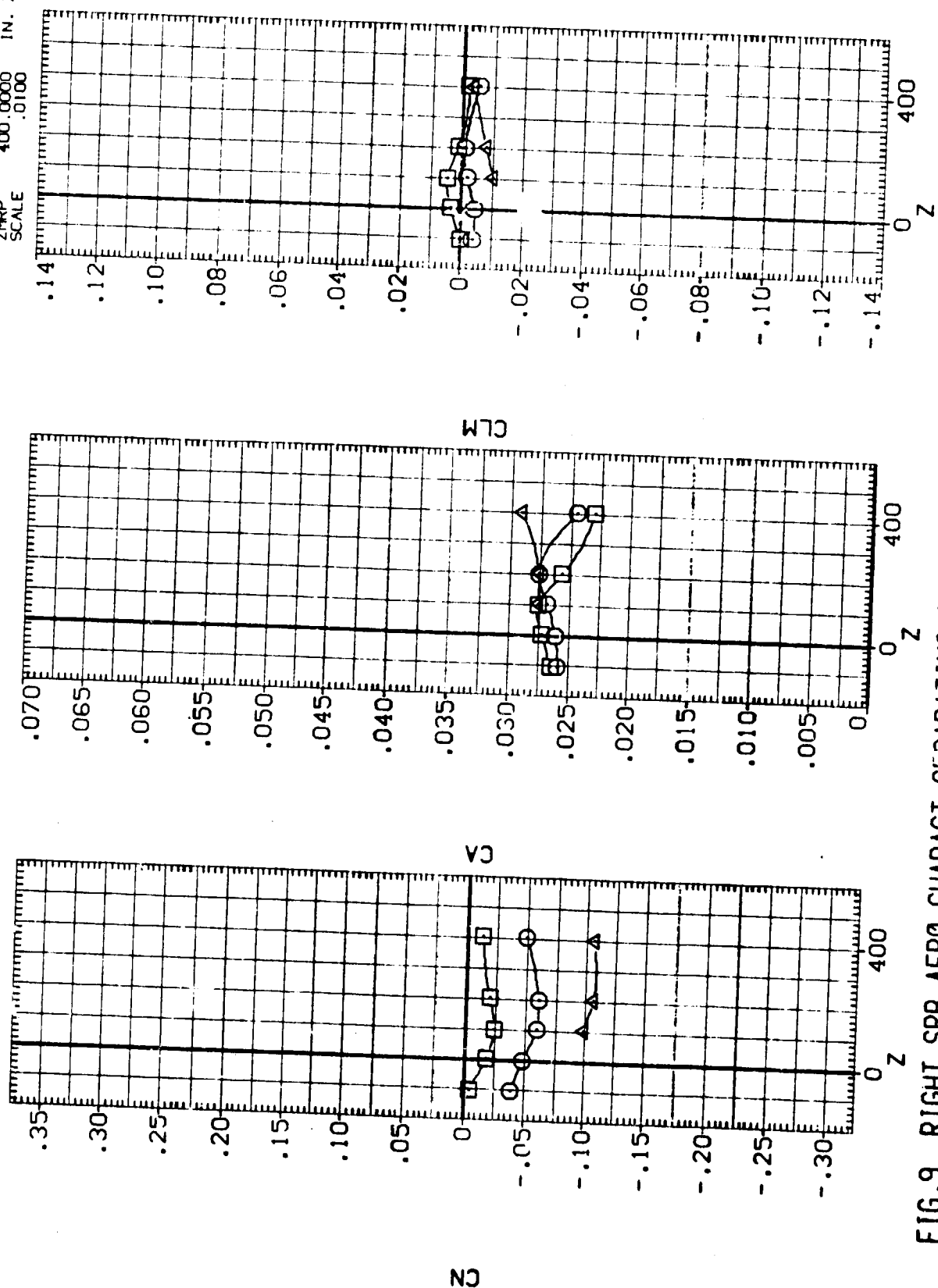


FIG.9 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=-5.9 BETA=10.8)

(C)Y = 200.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI62)	AEDC/VAS28(1A87)-01ETIS1-R/H	.200	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI63)	AEDC/VAS28(1A87)-01ETIS1-R/H	5.200	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI66)	AEDC/VAS28(1A87)-01ETIS1-R/H	-4.800	-4.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

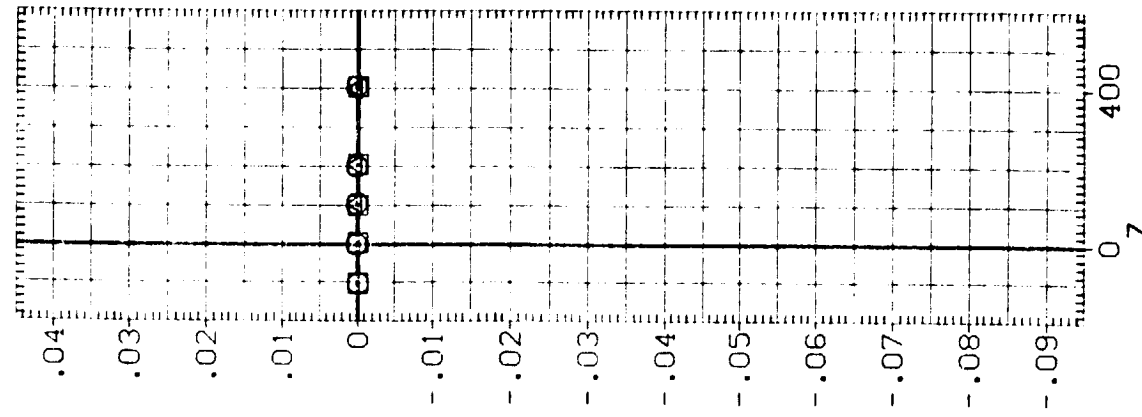
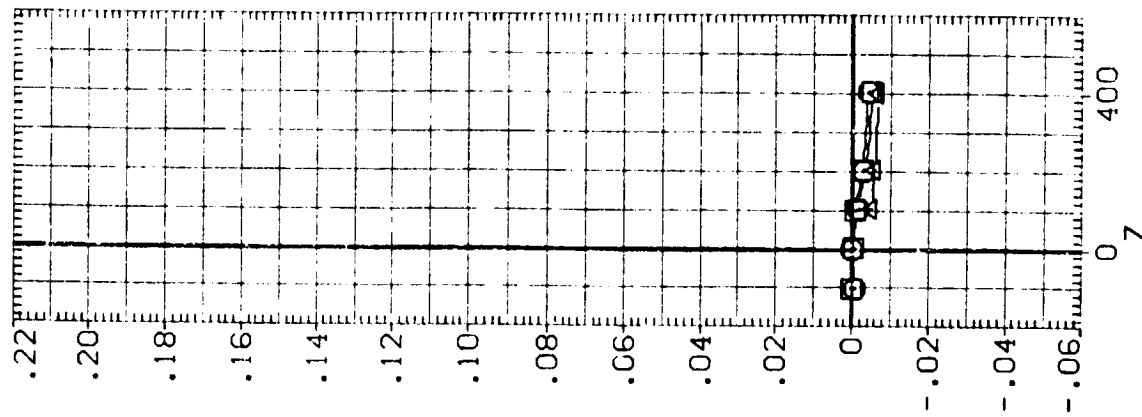
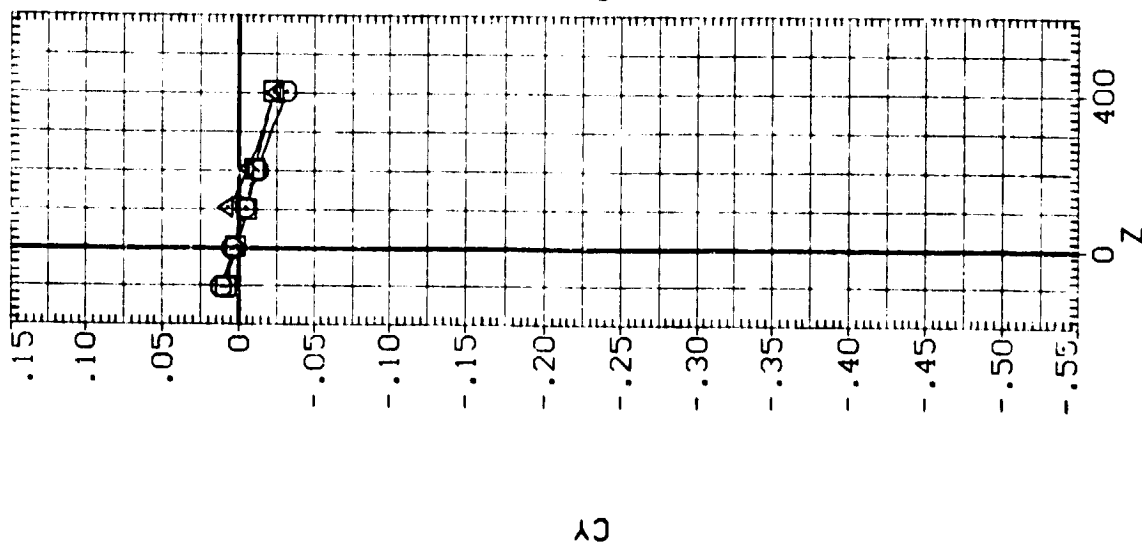


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI62)	AEDC/VA5281(A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	200	-4.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATUI63)	AEDC/VA5281(A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	5.200	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI66)	AEDC/VA5281(A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	-4.800	-4.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1259.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

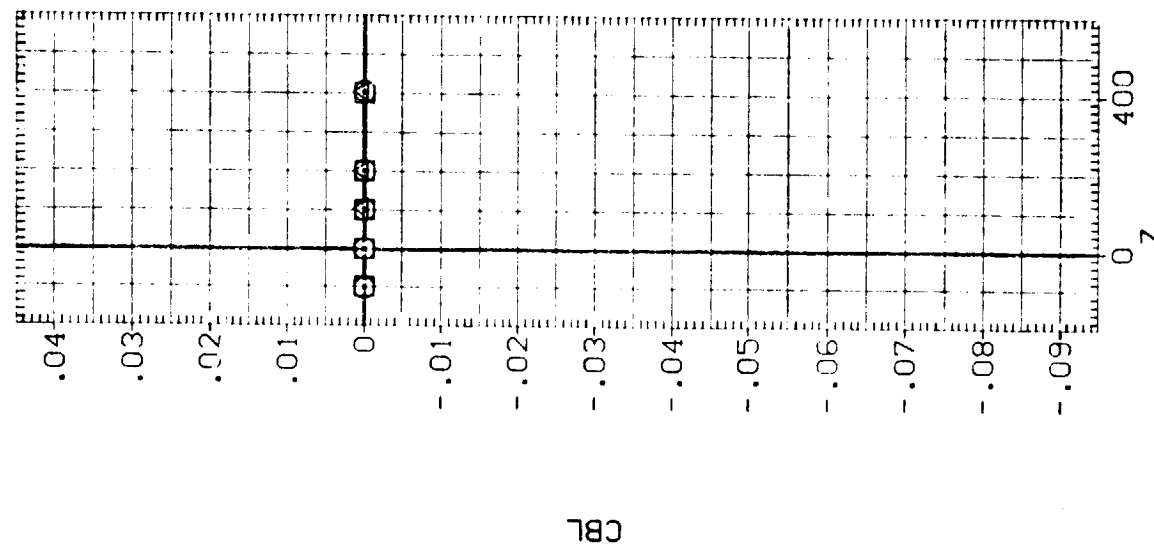
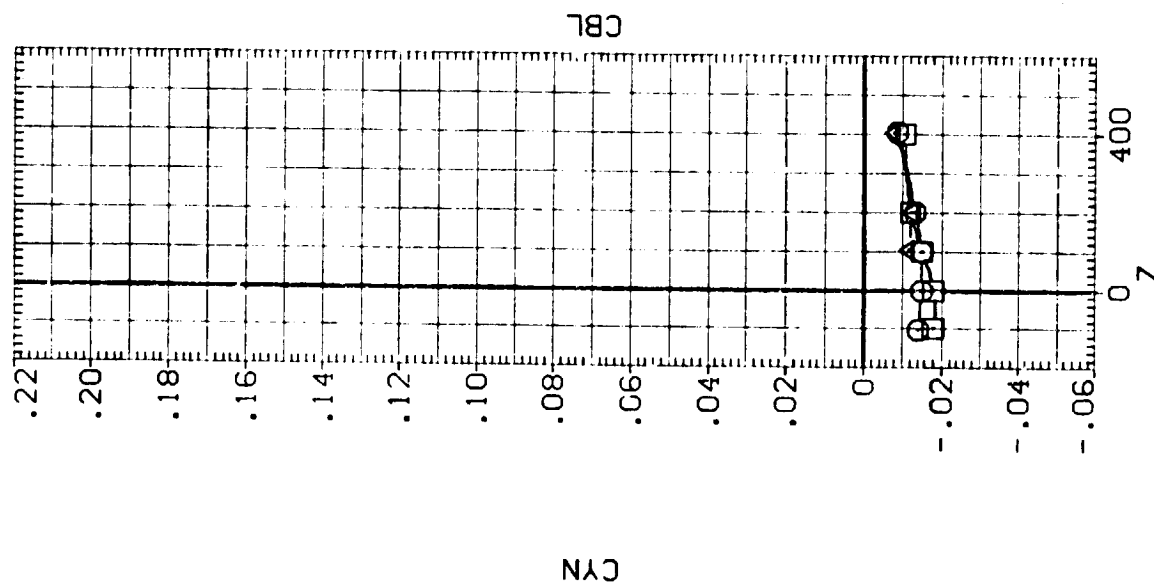
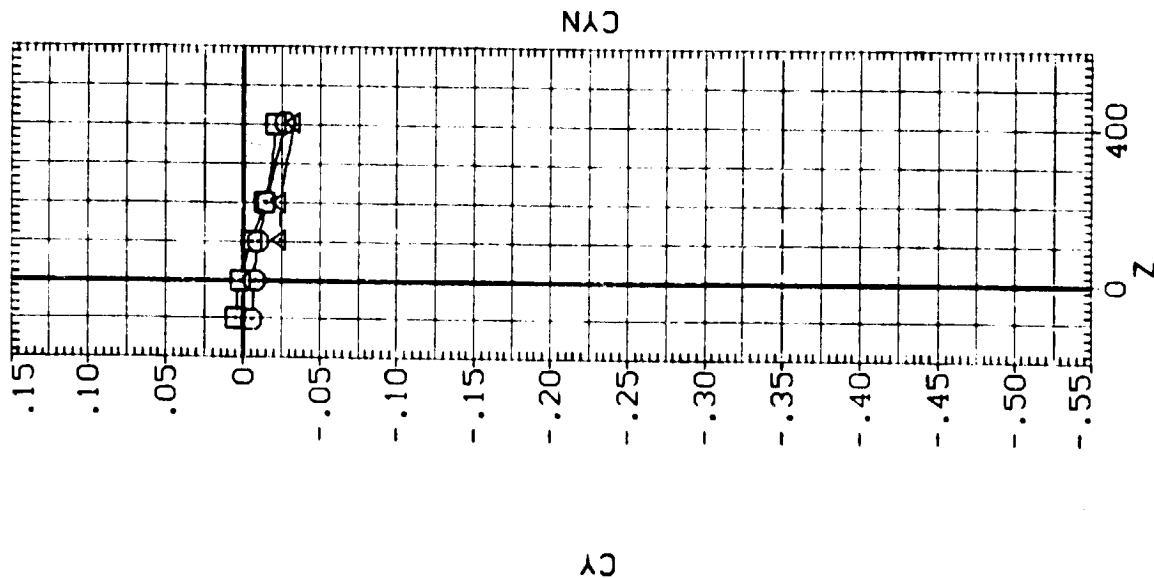


FIG.9 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=5.9 BETA=10.8)

(D)Y = 400.00

# DATA SET SYMBOL

(A1U167)  
(A1U170)  
(A1U171)

## CONFIGURATION DESCRIPTION

AEDC/VAS28(IAB7)-O1ETIS1-R/H SRB SEPAR. FROM O/ET  
AEDC/VAS28(IAB7)-O1ETIS1-R/H SRB SEPAR. FROM O/ET  
AEDC/VAS28(IAB7)-O1ETIS1-R/H SRB SEPAR. FROM O/ET

## DALPHA

.200  
5.200  
-4.800

## X

.000  
.000  
.000

## MACH

4.520  
4.520  
4.520

## REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1250.3000 INCHES  
BREF 1250.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

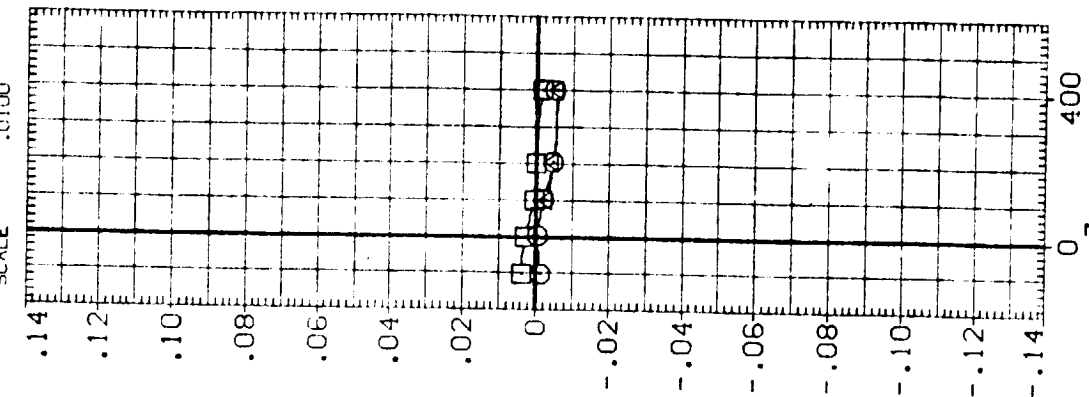
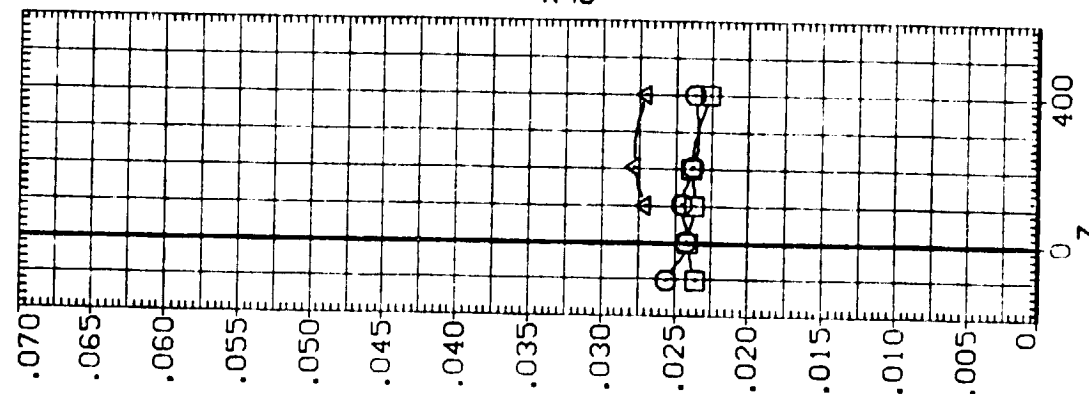
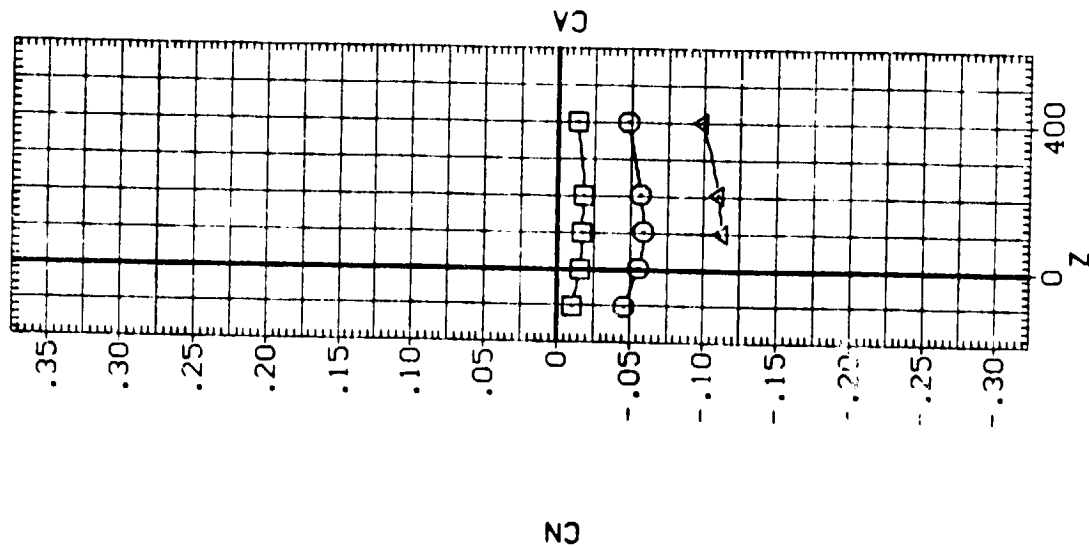


FIG.9 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(C)Y = 200.00

MACH	REFERENCE	INFORMATION
4.520	SREF	2690.0000 SQ.FT.
4.520	LREF	1.90.0000 INCHES
4.520	BREF	1.90.0000 INCHES
	XMRP	1.258.5000 IN. XS
	YMRP	.0000 IN. YS
	ZMRP	400.0000 IN. ZS
	SCALE	.0100



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU167)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	.8.000	.000	4.520	SRF 2690.0000 50. FT.
(ATU170)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	-9.000	.000	4.520	LREF 1290.3000 INCHES
(ATU171)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.800	-8.000	.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP .0000 IN. YS
							SCALE 400.0000 IN. ZS
							.0100

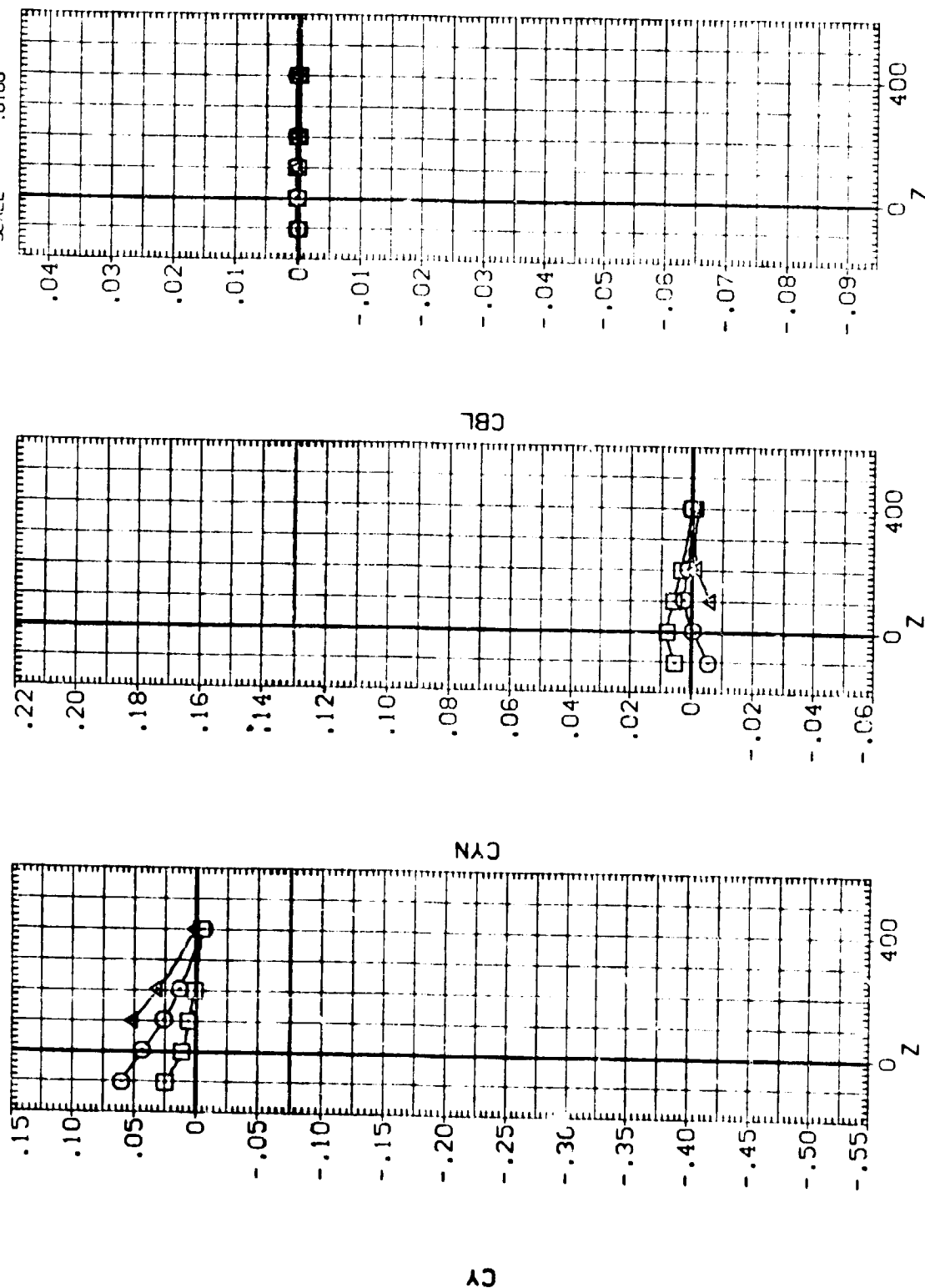


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(C)Y = 200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATUI67) AEDC/VAS23(1A87)-01ET1S1-R/H  
 (ATUI70) AEDC/VAS23(1A87)-01ET1S1-R/H  
 (ATUI71) AEDC/VAS23(1A87)-01ET1S1-R/H

SRB SEPAR. FROM O/E T  
 SRB SEPAR. FROM O/E T  
 SRB SEPAR. FROM O/E T

DALPHA  
 .200  
 5.200  
 -4.800

DBETA  
 -8.000  
 -8.000  
 -8.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 50. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

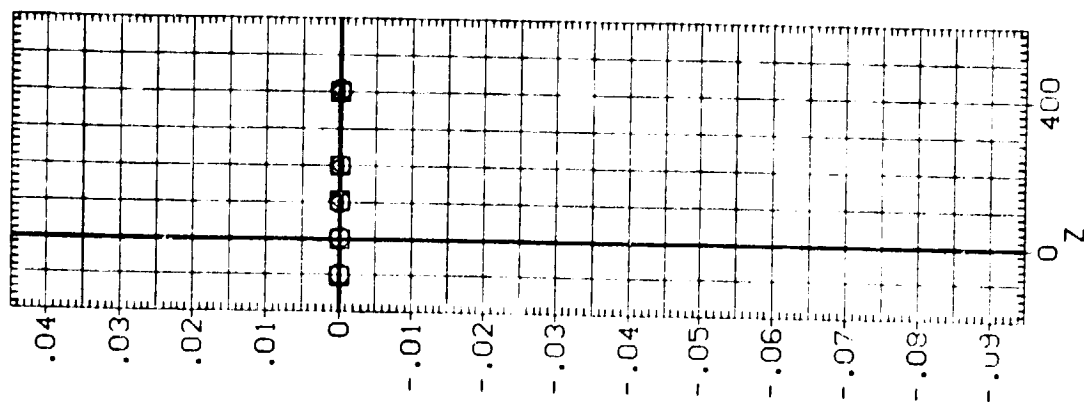
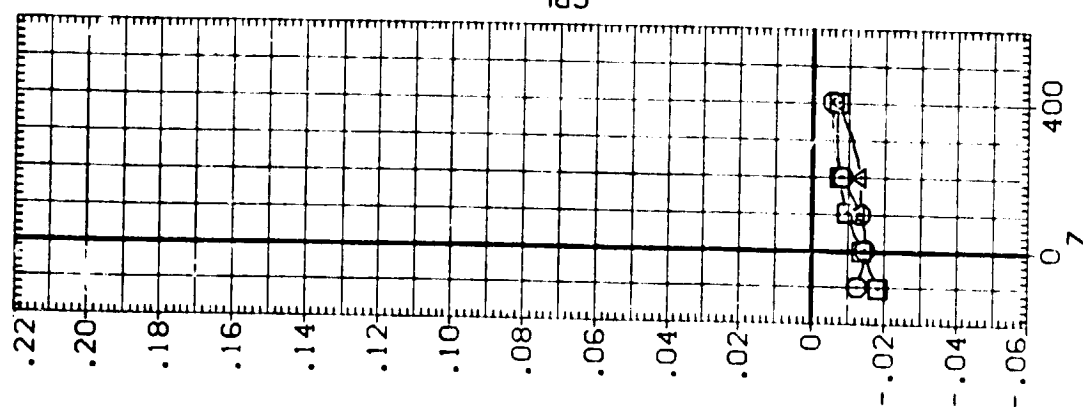
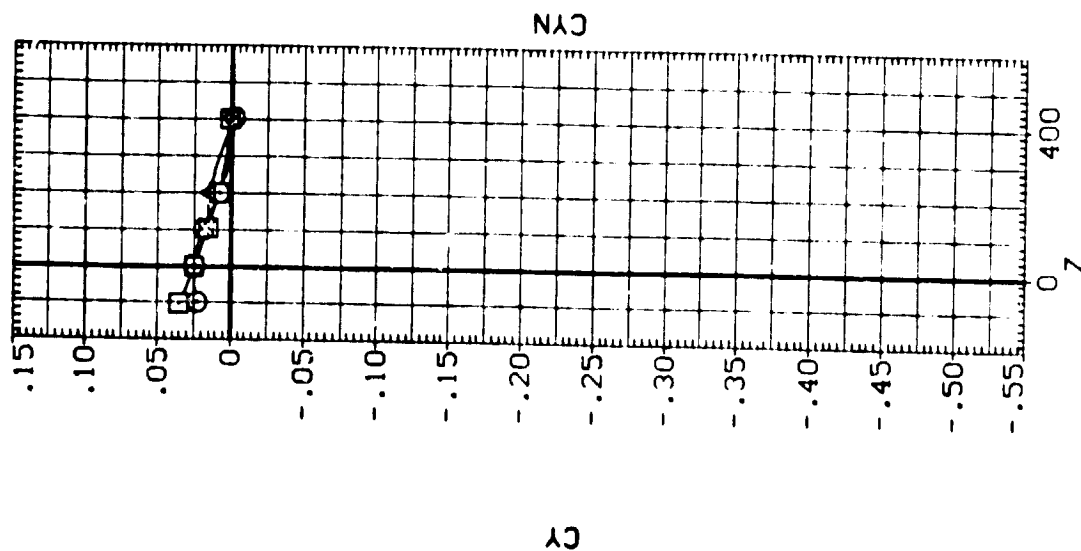


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/E T (ALPHA=-5.9 BETA=10.8)  
 (D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU168)	AEDC/VAS281 (A87) - O1ET1S1 - R/H	SRB SEPAR. FROM O/E	200	-8.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU169)	AEDC/VAS281 (A87) - O1ET1S1 - R/H	SRB SEPAR. FROM O/E	5.200	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU172)	AEDC/VAS281 (A87) - O1ET1S1 - R/H	SRB SEPAR. FROM O/E	-4.800	-8.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							VMRP .0000 IN. YS
							ZMRP .0000 IN. ZS
							SCALE .0100

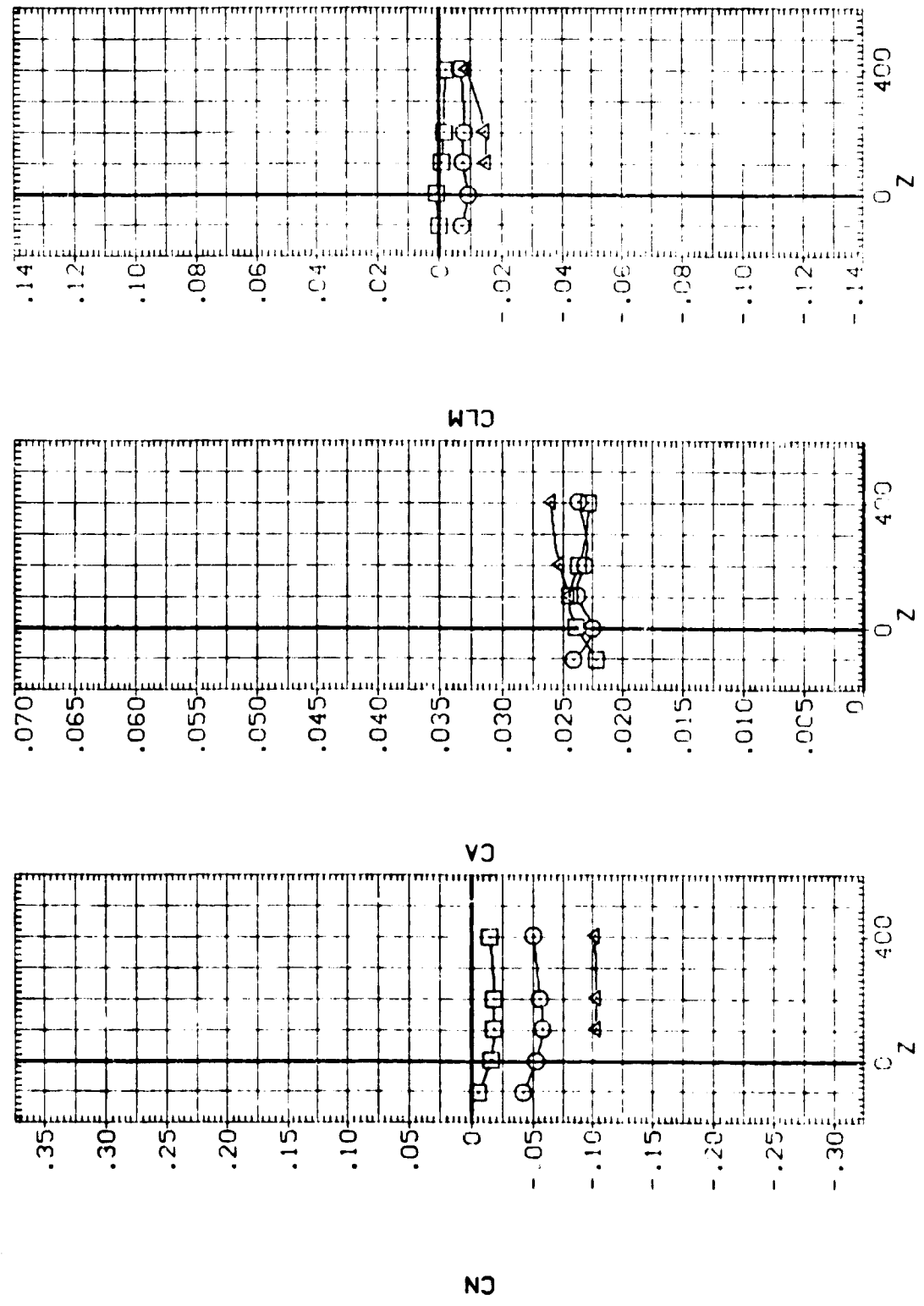


FIG.9 RIGHT SRB AERO CHARACTERISTICS FROM O/E (ALPHA=-5.9 BETA=10.8)

(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU168)	AECC/VAS281(A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/EI	200	-8.000	300.000	4.520	SREF 2690.00" SQ.FT.
(ATU169)	AECC/VAS281(A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/EI	5.200	-8.000	300.000	4.520	LREF 1290.00 INCHES
(ATU172)	AECC/VAS281(A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/EI	-4.800	-8.000	300.000	4.520	BREF 1290.00 INCHES
							APRP 1258.5000 IN. XS
							VMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

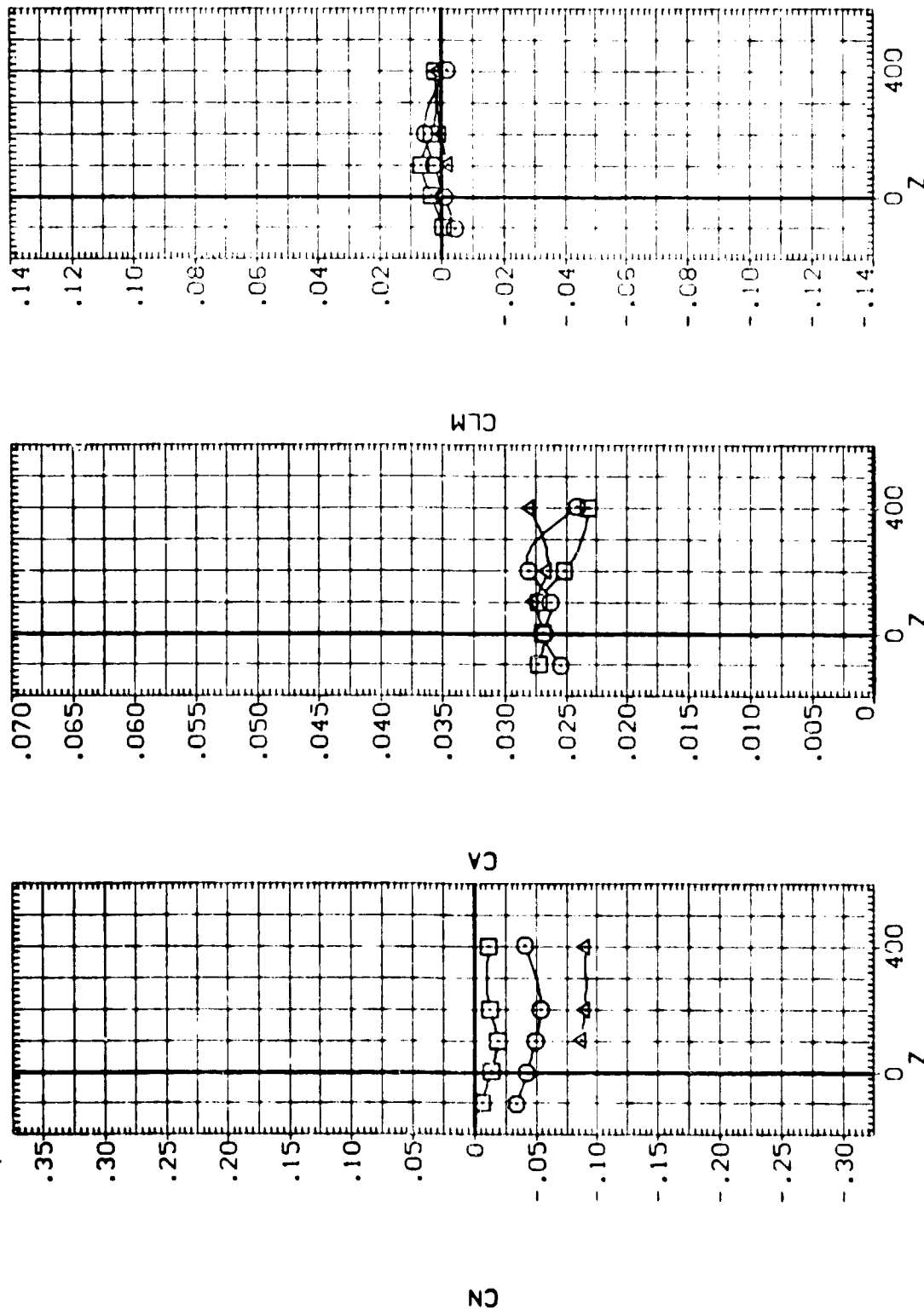


FIG.9 RIGHT SRB AERO CHARACT SEPARATING FROM O/EI (ALPHA=-5.9 BETA=10.9)

(O)Y = 400.00

DATA SET SYMBOL  
(ATJ168)  
(ATJ169)  
(ATJ172)

CONFIGURATION DESCRIPTION  
AEDC/VAS281(AB7)-01ET1S1-R/H  
AEDC/VAS281(AB7)-01ET1S1-R/H  
AEDC/VAS281(AB7)-01ET1S1-R/H

SRB SEPAR. FROM O/EI  
SRB SEPAR. FROM O/EI  
SRB SEPAR. FROM O/EI

DALPHA  
200  
5.200  
-4.800

DBETA  
-8.000  
-8.000  
-8.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 50. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
ZMRP 400.0000 IN. ZS  
SCALE .0103

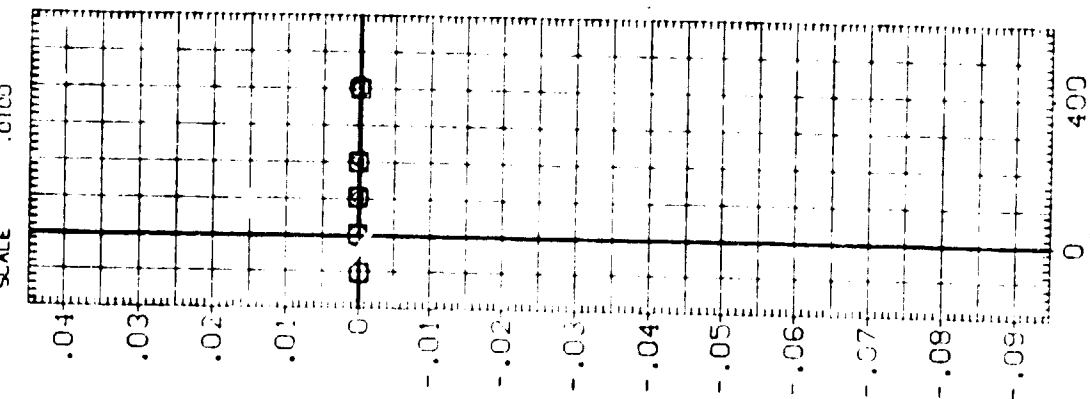
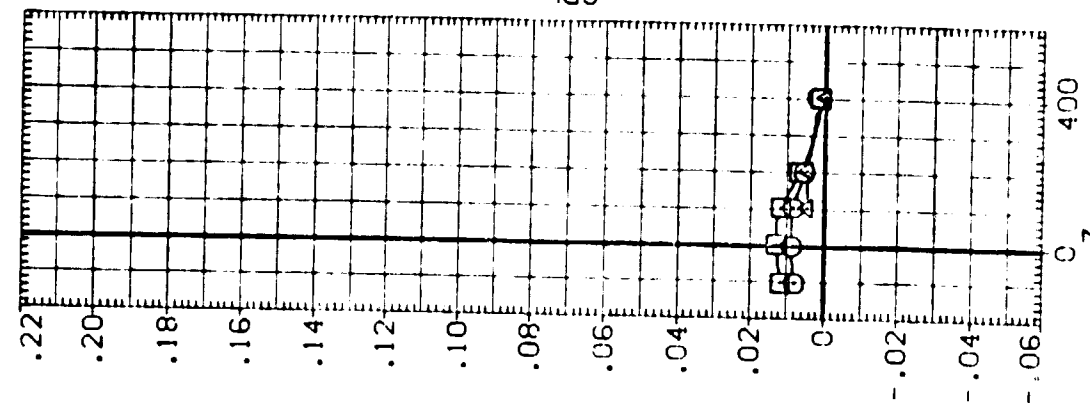
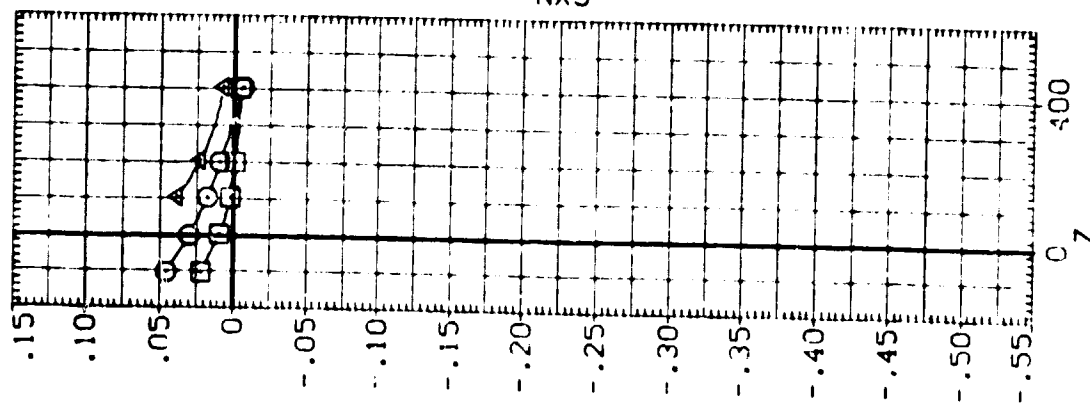



FIG.9 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/EI (ALPHA=-5.9 BETA=10.8)

(C)Y = 200.00



DATA SET SYMBOL:  CONFIGURATION DESCRIPTION:   
 (ATUI68) AEDC/VAS28(1A87)-O1ET151-RM   
 (ATUI69) AEDC/VAS28(1A87)-O1ET151-RM   
 (ATUI72) AEDC/VAS28(1A87)-O1ET151-RM

SRB SEPAR. FROM O/ET: 0.000   
 SRB SEPAR. FROM O/ET: 0.000   
 SRB SEPAR. FROM O/ET: 0.000

DELTA: 0.200   
 DELTA: 5.200   
 DELTA: -4.800

MACH: 4.520   
 MACH: 4.520   
 MACH: 4.520

REFERENCE INFORMATION:   
 SREF: 2690.0000 50. FT.   
 LREF: 1290.3000 INCHES   
 BREF: 1290.3000 INCHES   
 XMRP: 1258.5000 IN. X S   
 YMRP: 400.0000 IN. Y S   
 ZMRP: 400.0000 IN. Z S   
 SCALE: .0100

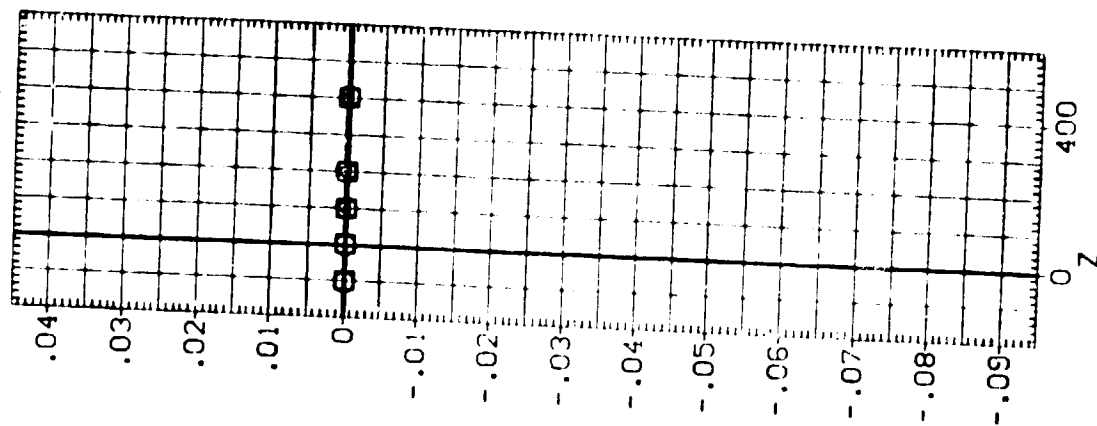
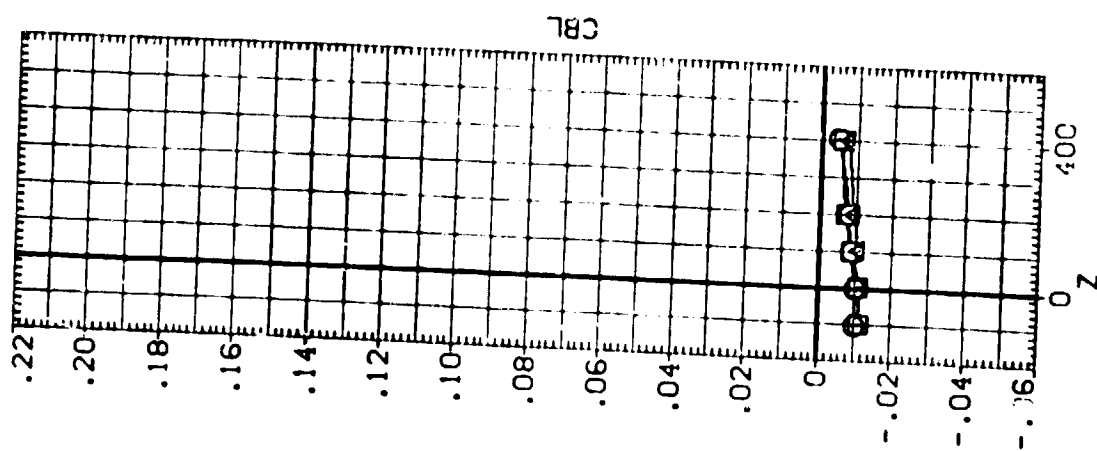
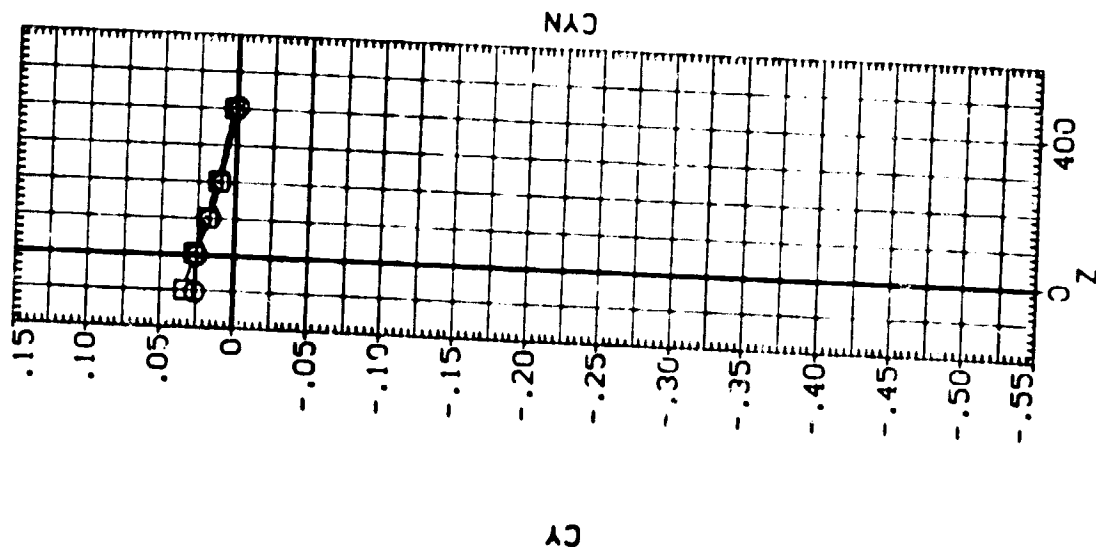
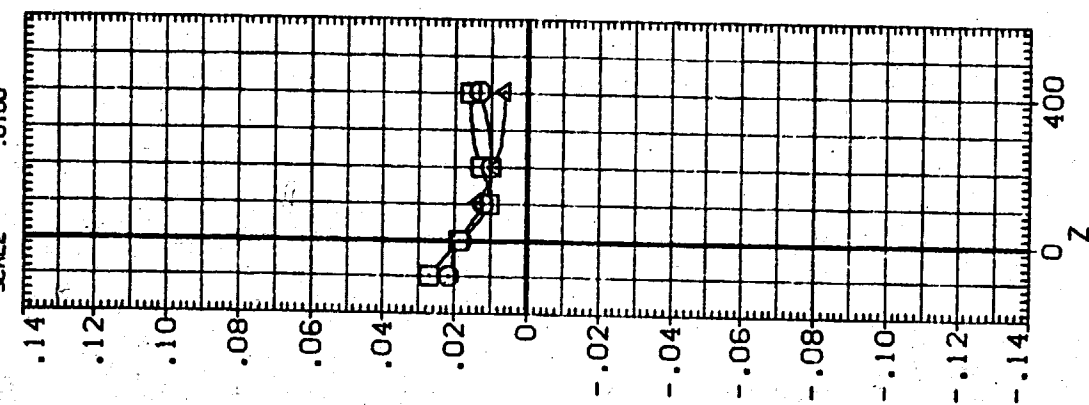


FIG.9 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=-5.9 BETA=10.8)

(O)Y = 400.00



TION  
 SQ. FT.  
 INCHES  
 INCHES  
 IN. XS  
 IN. YS  
 IN. ZS



(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU191)	AEDC/VAS281 (A87) - 01ET1S1 - R/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.520	SREF 2650.0000 SQ.FT.
(ATU194)	AEDC/VAS281 (A87) - 01ET1S1 - R/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU195)	AEDC/VAS281 (A87) - 01ET1S1 - R/H	SRB SEPAR. FROM O/ET	-4.500	.000	.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

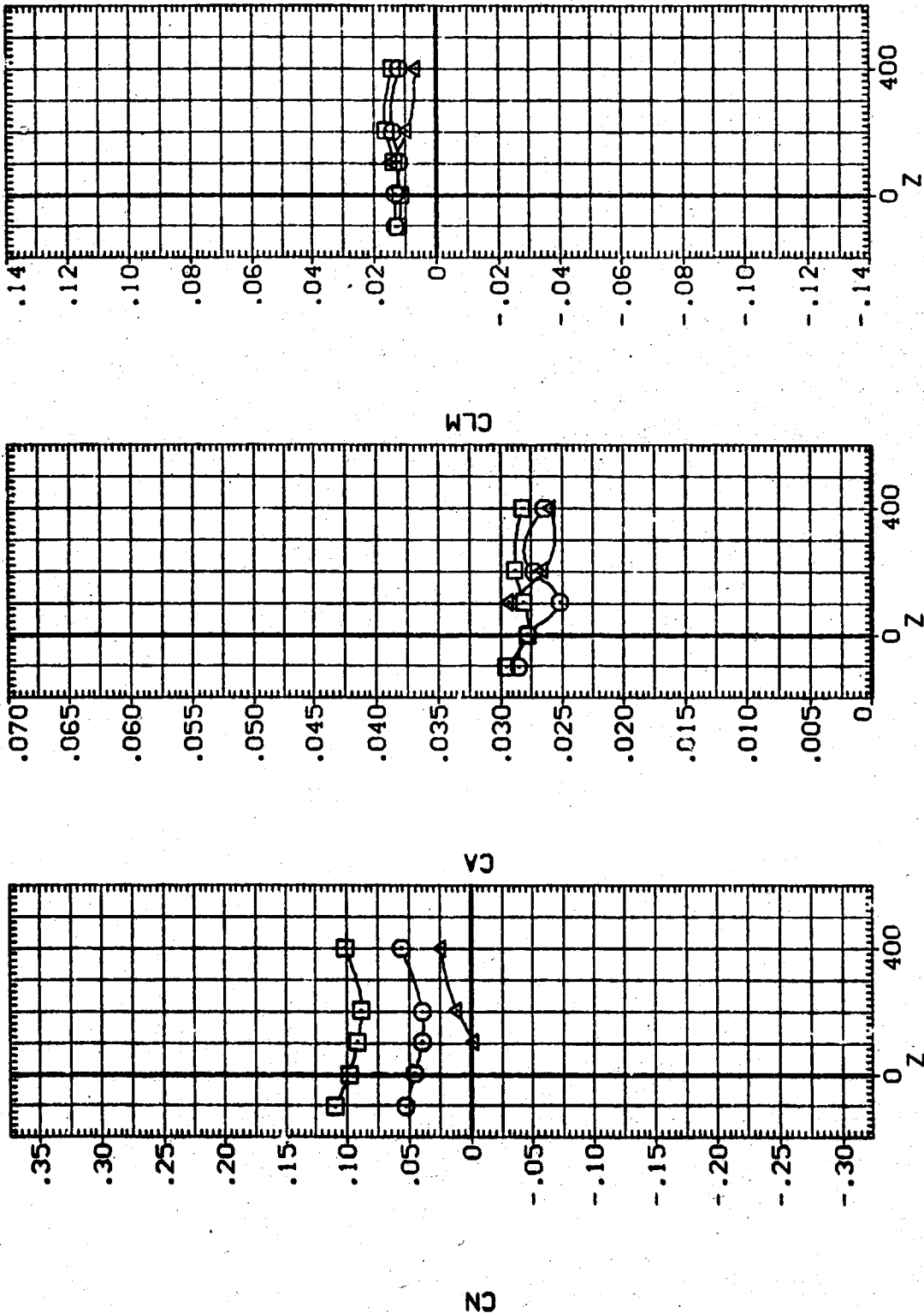


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU191)	AEDC/VAS281 (A87) - 01ET1S1-R/H	SRB	.000	.000	.000	4.520	SREF 2650.0000 SO.FT.
(ATU194)	AEDC/VAS281 (A87) - 01ET1S1-R/H	SRB	.000	.000	.000	4.520	LREF 1250.0000 INCHES
(ATU195)	AEDC/VAS281 (A87) - 01ET1S1-R/H	SRB	-4.900	.000	.000	4.520	SREF 1250.0000 INCHES
							XTRP 1258.0000 IN. XS
							YTRP 400.0000 IN. YS
							ZTRP 400.0000 IN. ZS
							SCALE .0100

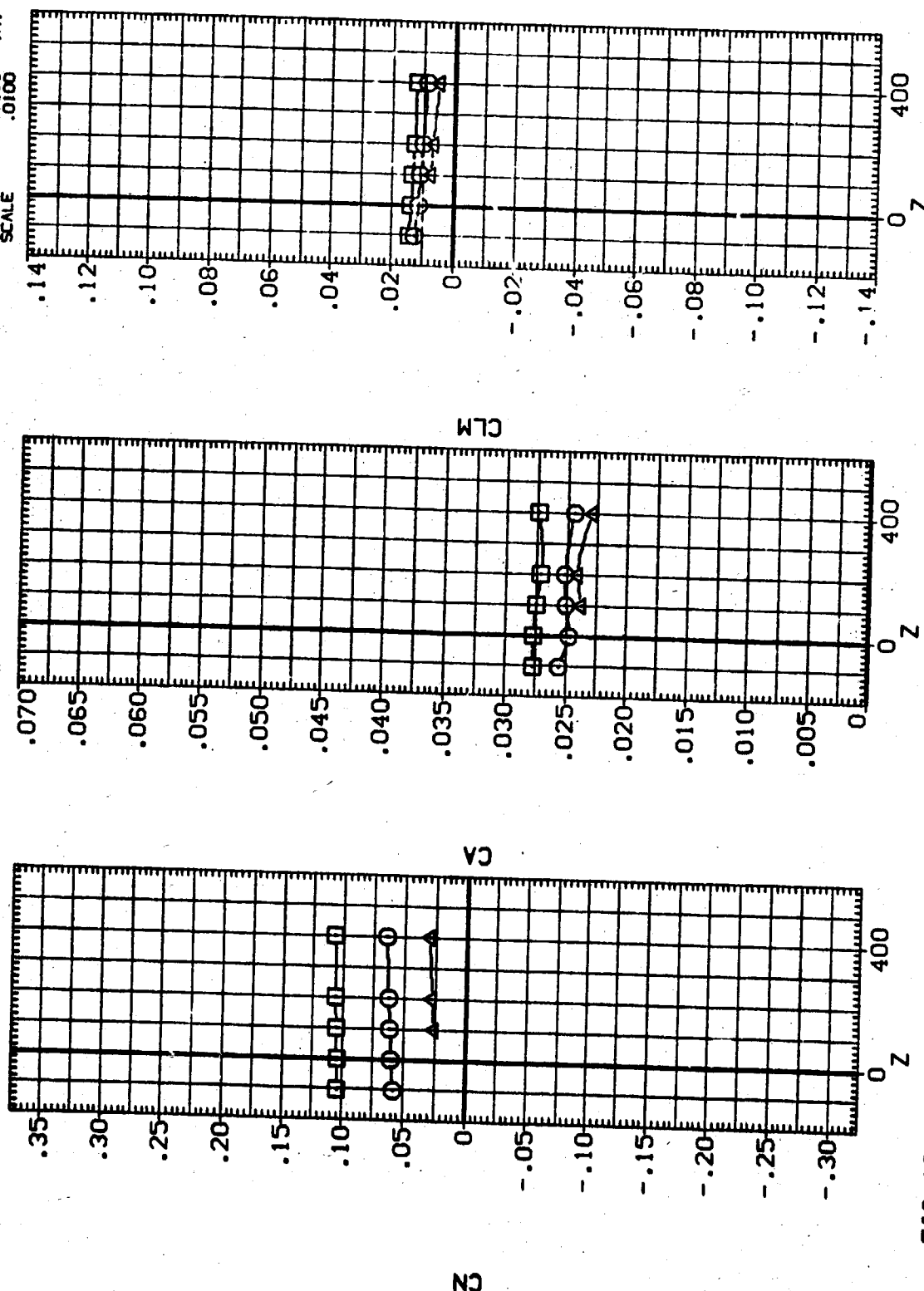


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)  
(DY) = 400.00

DATA SET SYMBOL      CONFIGURATION DESCRIPTION      SRB SEPAR. FROM O/EET      DALPHA      DBETA      X      MACH      REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI91)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB	.000	.000	.000	4.520	SREF 2650.0000 SQ.FT.
(ATUI94)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI95)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB	-4.900	.000	.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP .0000 IN. YS
							SCALE 400.0000 IN. ZS

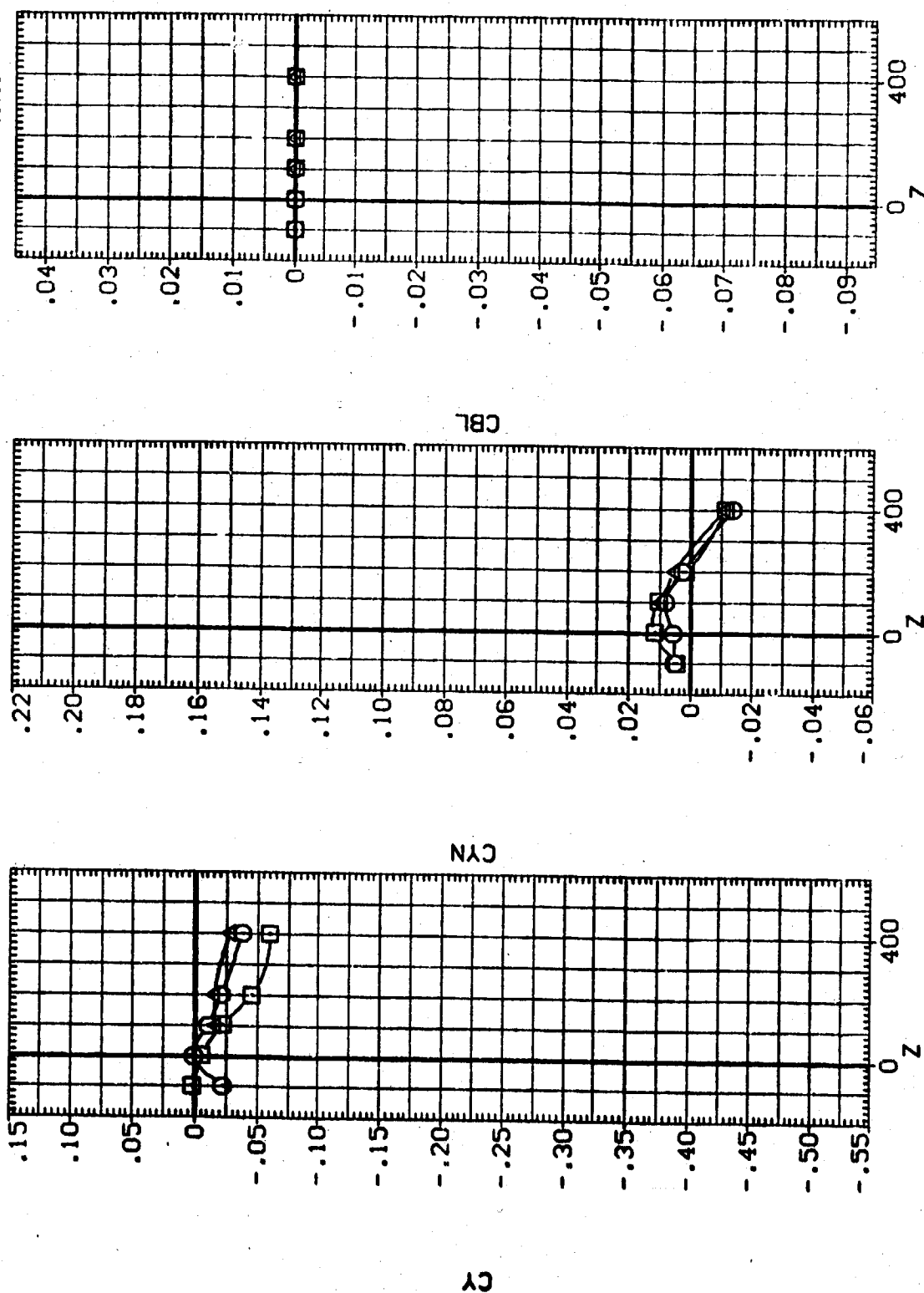


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/EET (ALPHA=10.2 BETA=11.0)

(AJY = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATUI91) AEDC/VAS28(1A87)-01ET/IS1-R/H  
 (ATUI94) AEDC/VAS28(1A87)-01ET/IS1-R/H  
 (ATUI95) AEDC/VAS28(1A87)-01ET/IS1-R/H

DELTA X DBETA X  
 .000 .000  
 .000 .000  
 .000 .000

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XTRP 1298.5000 IN. XS  
 YTRP .0000 IN. YS  
 ZTRP .0000 IN. ZS  
 SCALE 400.0000 IN. ZS

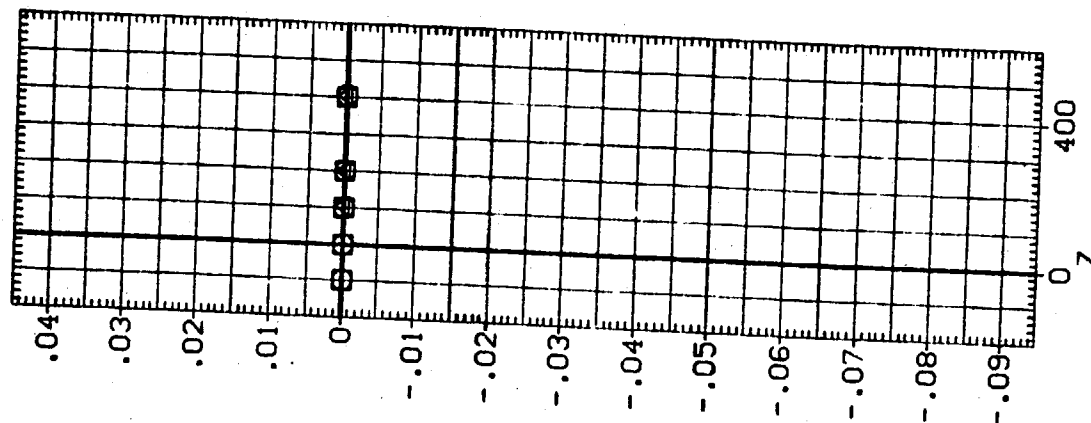
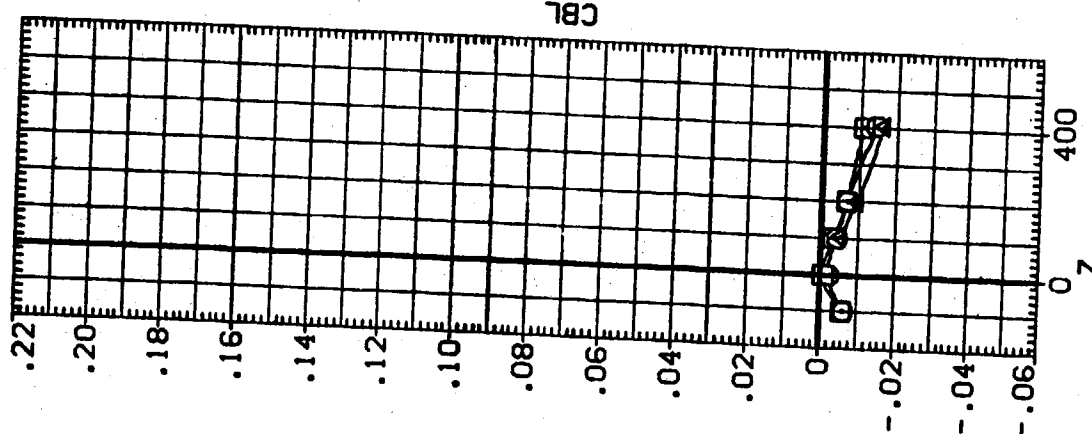
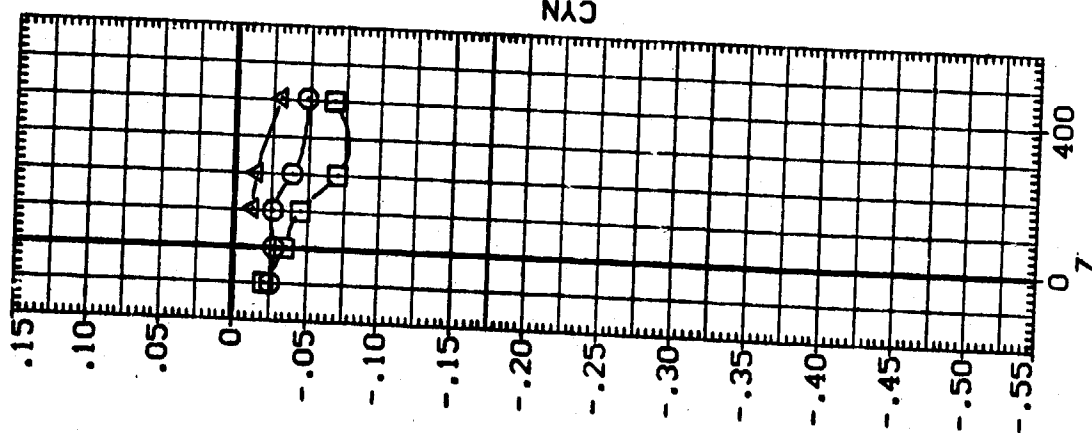


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=10.2 BETA=11.0)  
 (B)Y = 100.00





DATA SET SYMBOL: (ATUI91) (ATUI94) (ATUI95)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET

REFERENCE INFORMATION: SREF 2650.0000 SO.FT. LREF 1250.3000 INCHES BREF 1250.3000 INCHES XMRP 1250.5000 IN. XS YMRP 400.0000 IN. YS ZMRP 400.0000 IN. ZS SCALE .0100

MACH: 4.520 4.520 4.520

BETA: .000 .000 .000

DALPHA: .000 5.100 -4.500

SEPAR. FROM O/ET: .000 .000 .000

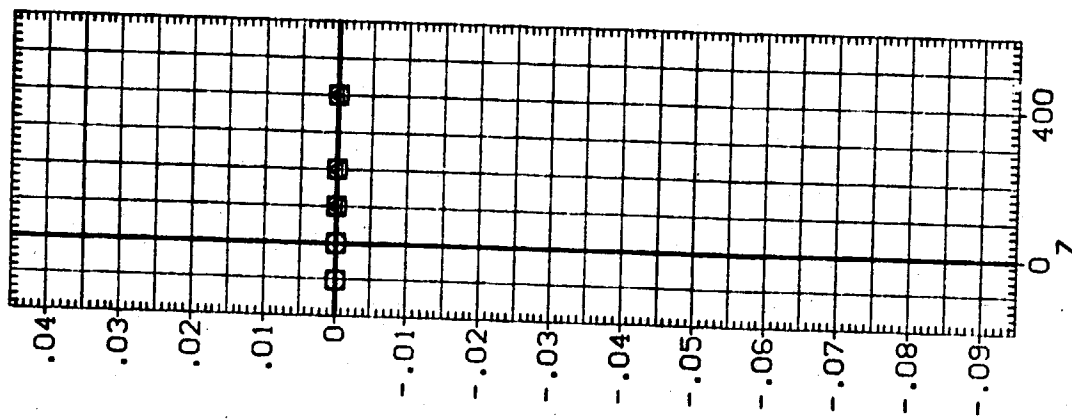
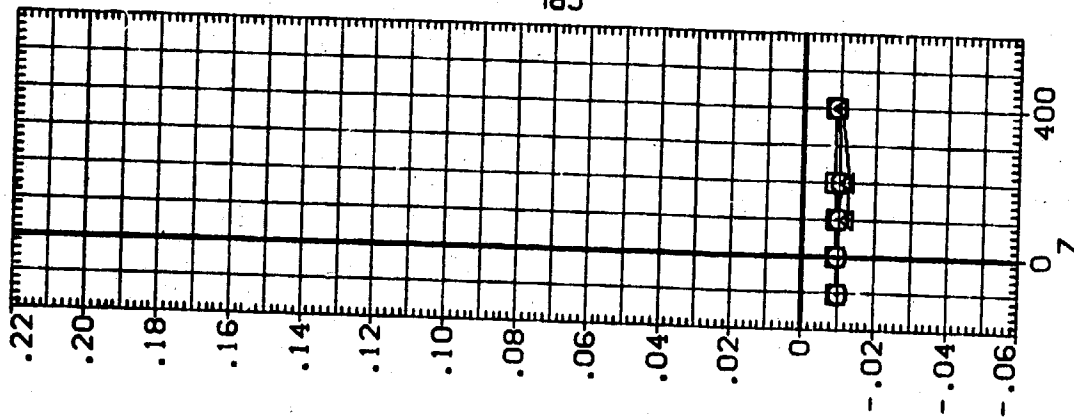
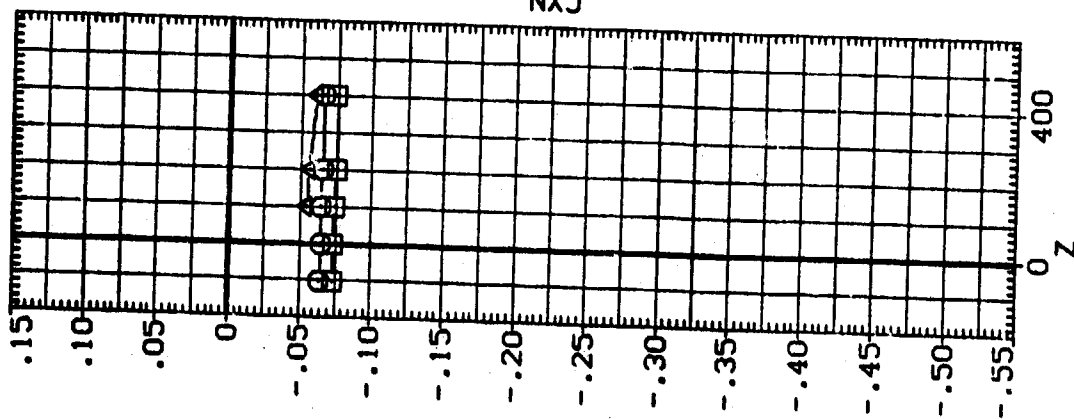


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(O)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI92)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATUI93)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI96)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/ET	-4.900	.000	300.000	4.520	BREF 1290.3000 INCHES
							XRRP 1258.5000 IN. XS
							YRRP .0000 IN. YS
							ZRRP 400.0000 IN. ZS
							SCALE .0100

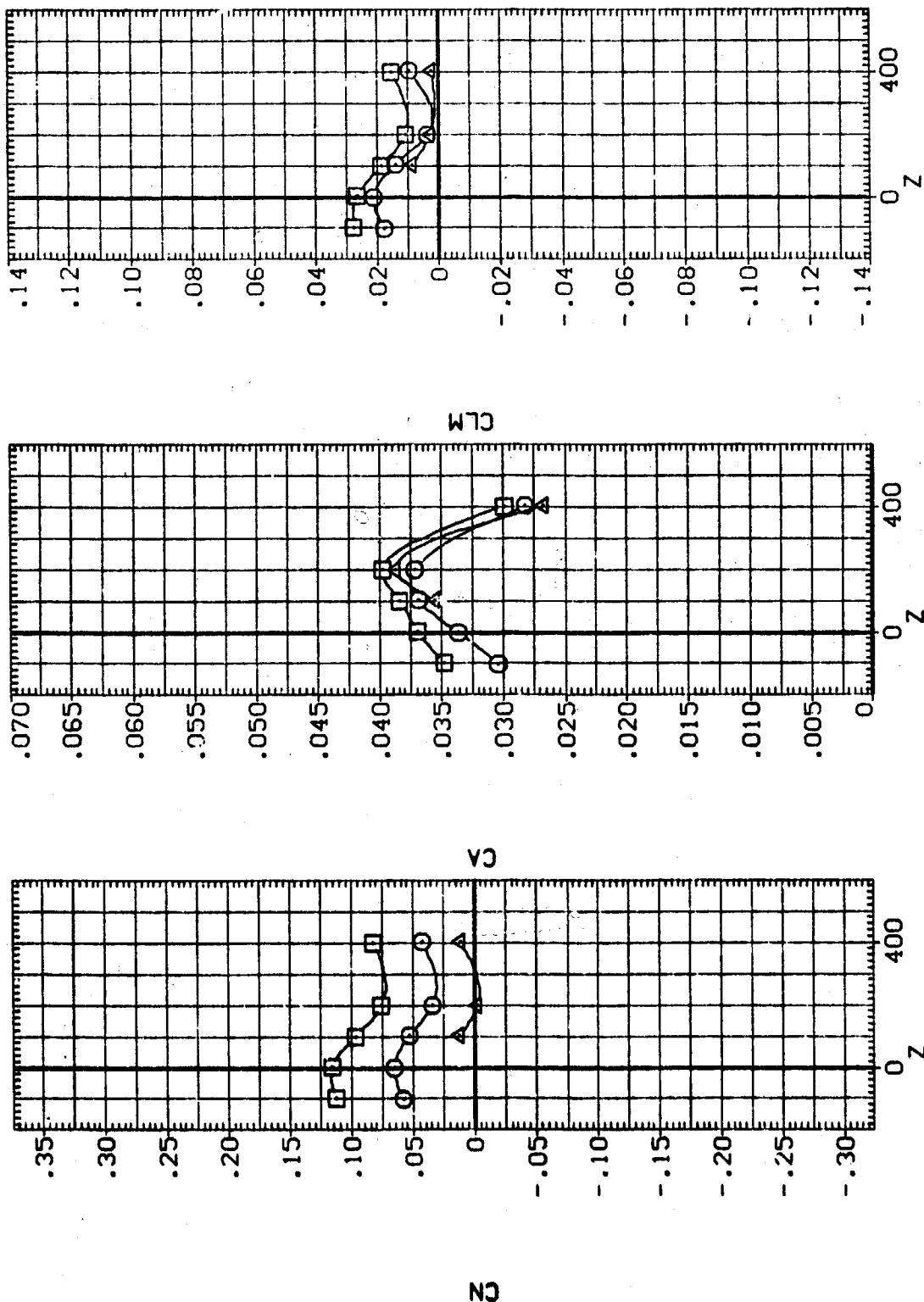


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(A)Y = 10.00

DATA SET SYMBOL

CONFIGURATION DESCRIPTION

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA

DBETA

X

MACH

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
XMRP 1290.3000 IN. XS  
YMRP 0.0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE 0.0100

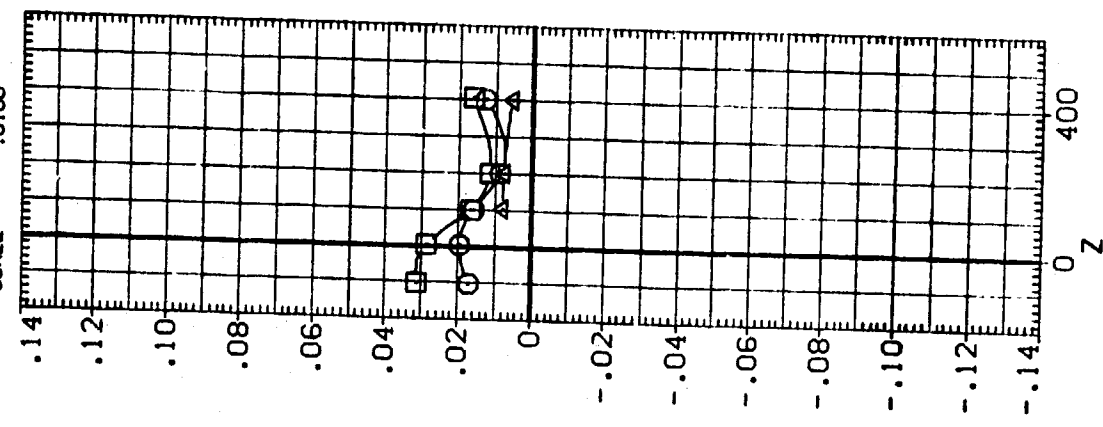
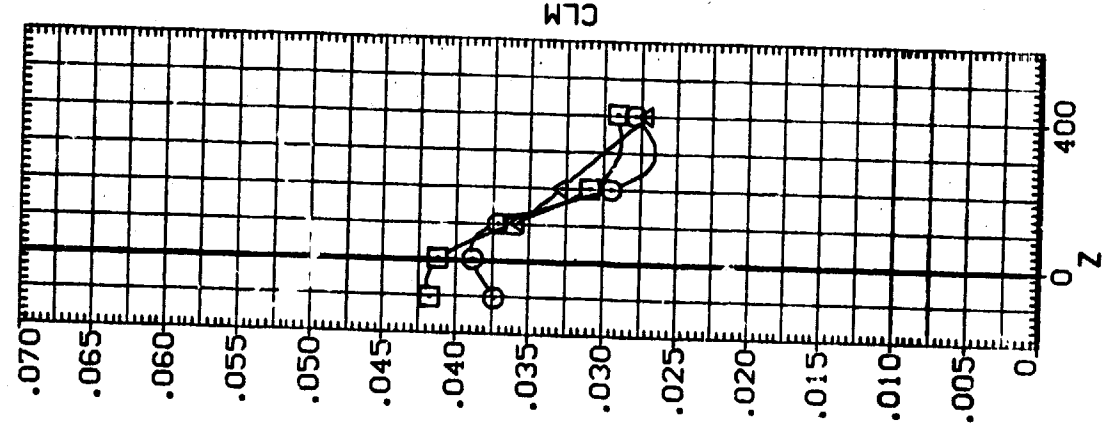
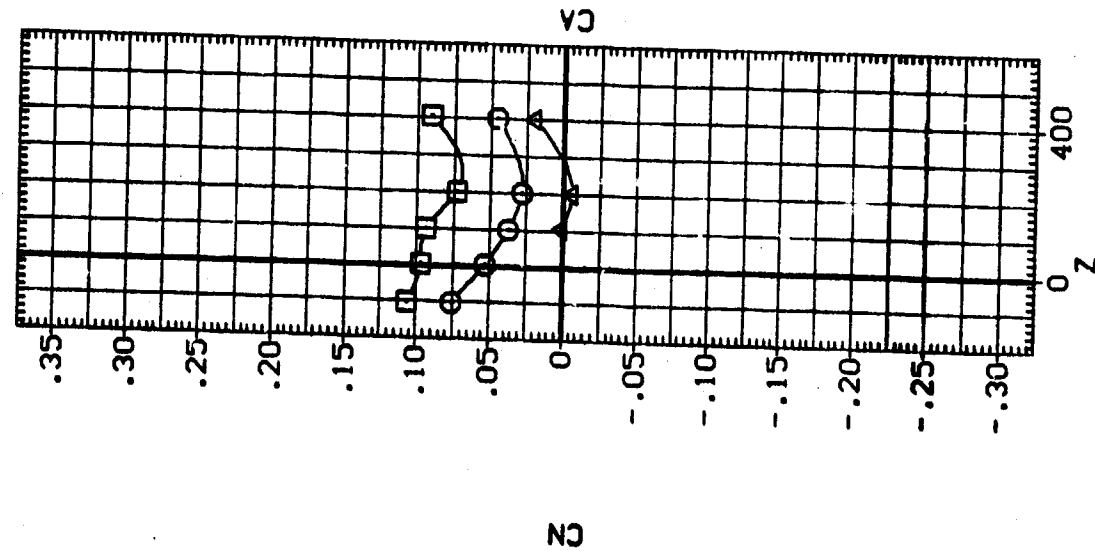


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET ( $\alpha=10.2$   $\beta=11.0$ )  
(B)Y = 100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU192) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR.FROM O/ET  
 (ATU193) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR.FROM O/ET  
 (ATU196) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR.FROM O/ET

DALPHA DBETA X MACH  
 .000 .000 300.000 4.520  
 5.100 .000 300.000 4.520  
 -4.900 .000 300.000 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

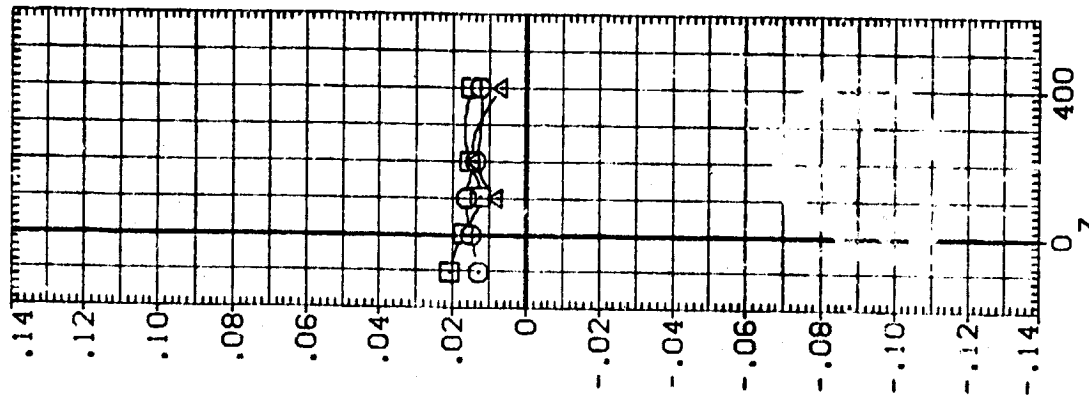
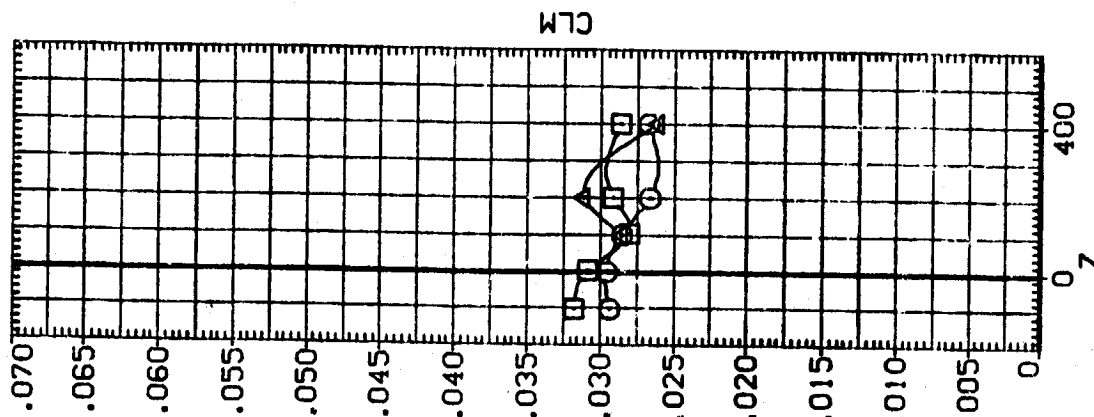
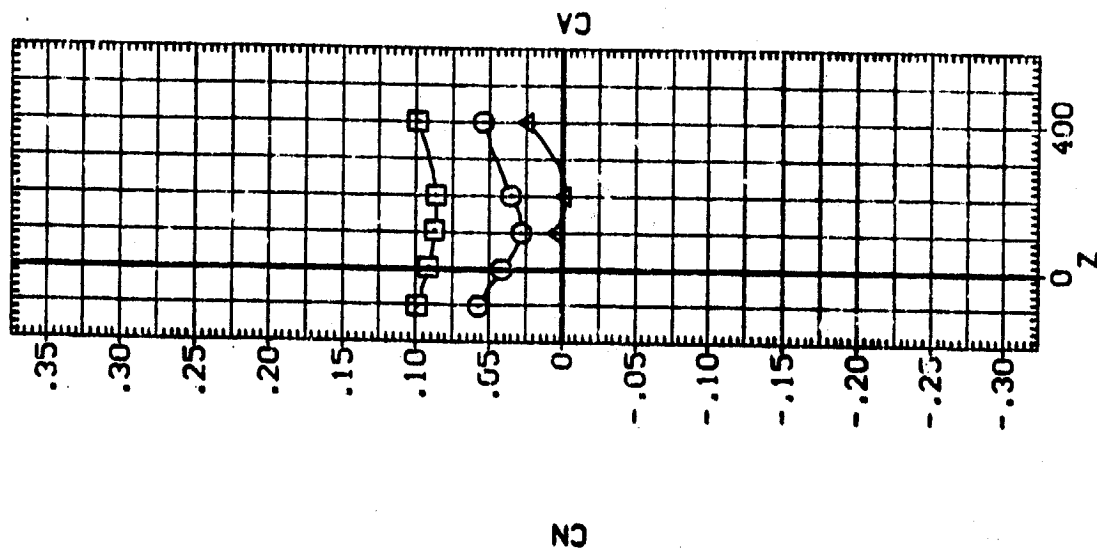


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET ( $\alpha=10.2$   $\beta=11.0$ )

(C)Y = 200.00

DATA SET SYMBOL: (ATU192) (ATU193) (ATU196)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ETISI-R/H AEDC/VAS28(1A87)-01ETISI-R/H AEDC/VAS28(1A87)-01ETISI-R/H

SRB SEPAR. FROM O/ET SRB SEPAR. FROM O/ET SRB SEPAR. FROM O/ET

ALPHA: .000 .000 .000

BETA: .000 .000 .000

X: 300.000 300.000 300.000

MACH: 4.520 4.520 4.520

REFERENCE INFORMATION: SREF 2690.0000 50 FT. LREF 1250.3000 INCHES BREF 1250.3000 INCHES XMRP 1258.5000 IN. XS YMRP .0000 IN. YS ZMRP 400.0000 IN. ZS SCALE .0100

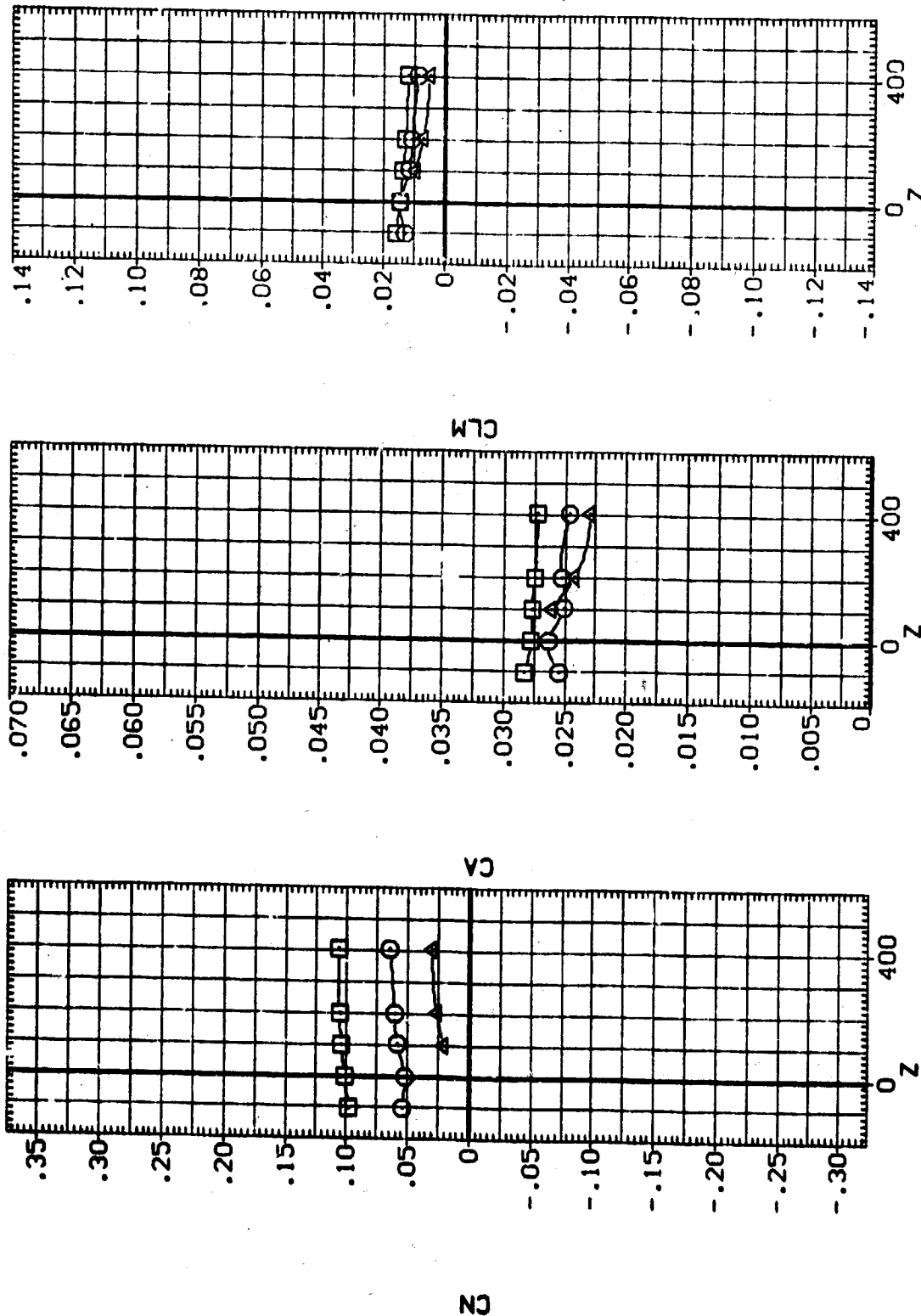


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI92)	AEDC/VAS28(1A87)-01ETIS1-R/H	.000	.000	300.000	4.520	SREF 2690.0000 50.FT.
(ATUI93)	AEDC/VAS28(1A87)-01ETIS1-R/H	5.100	.000	300.000	4.520	LREF 290.3000 INCHES
(ATUI96)	AEDC/VAS28(1A87)-01ETIS1-R/H	-4.900	.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1258.5000 IN. XS
						YMRP 400.0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

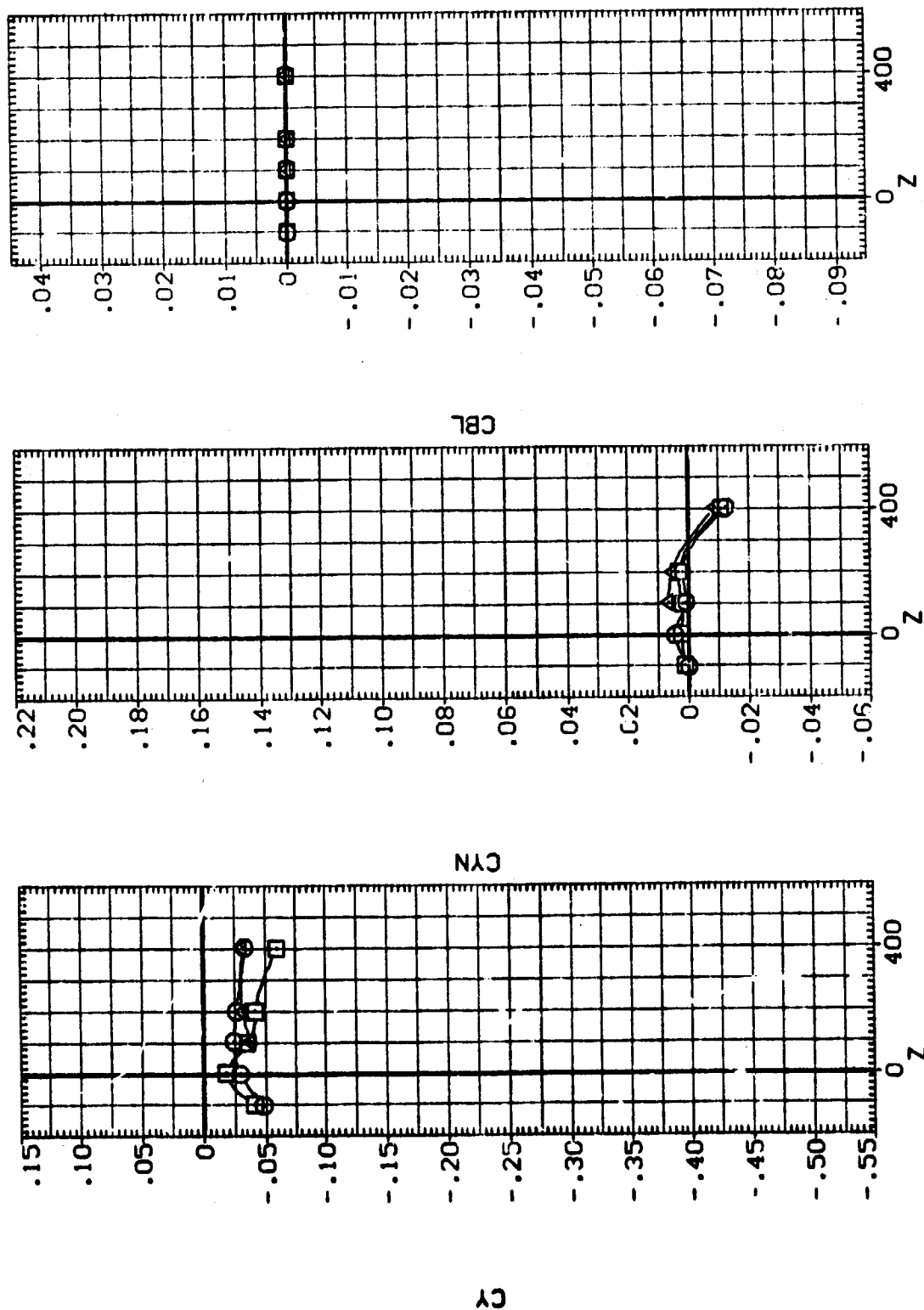


FIG.10 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(ATUI92)	AEDC/VA528 (IAB7)	-01ETISI-R/A
(ATUI93)	AEDC/VA528 (IAB7)	-01ETISI-R/A
(ATUI96)	AEDC/VA528 (IAB7)	-01ETISI-R/A

0064900  
5.100  
0000

X	Y	HOW
000 000	1 520	
000 000	4 520	
000 000	1 520	

MACH  
4.520  
4.520  
4.520

	REFERENCE	INFORMATION
REF	2690	0000 SQ.FT.
REF	1290	3000 INCHES
REF	1290	3000 INCHES
REF	1258	5070 IN. XS
APP	1258	5070 IN. YS
APP	400	0000 IN. ZS
APP	400	0000 IN. ZS
SALE	-	0100

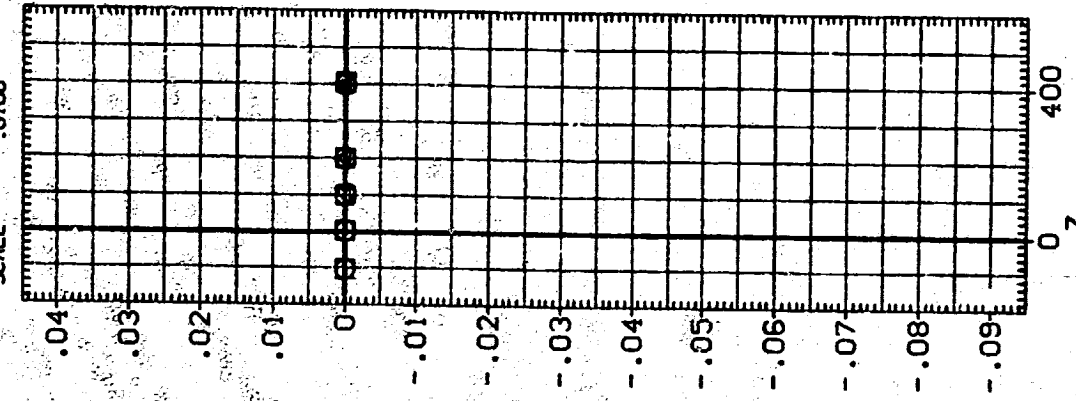
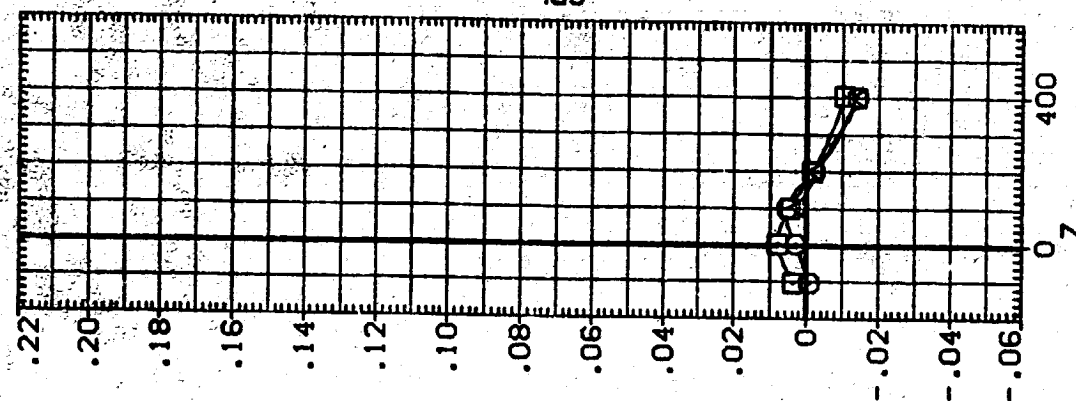
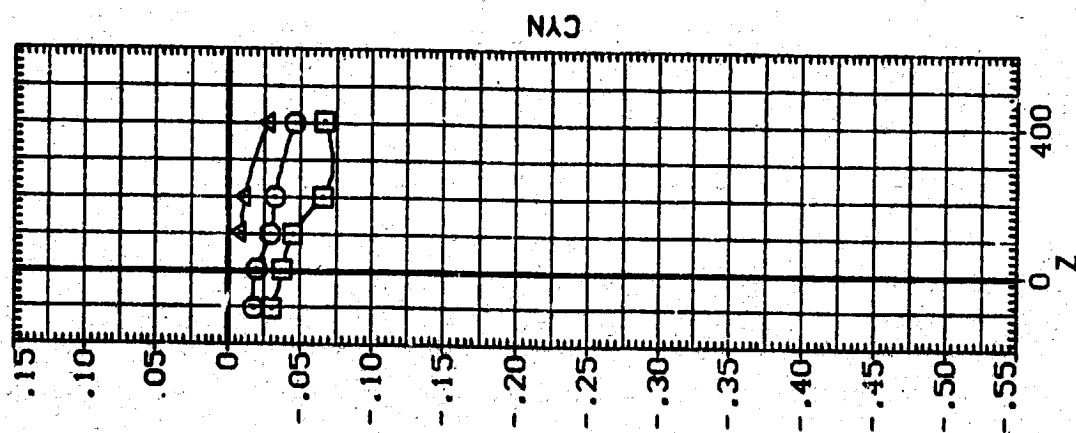


FIG.10 RIGHT SRB AERO CHARACTERISTICS FROM Q/ET (ALPHA=10.2 BETA=11.0)

**= 100.00**

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU192) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

(ATU193) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

(ATU195) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU192) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

(ATU193) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

(ATU195) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU192) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

(ATU193) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

(ATU195) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU192) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

(ATU193) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

(ATU195) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR FROM O/ET

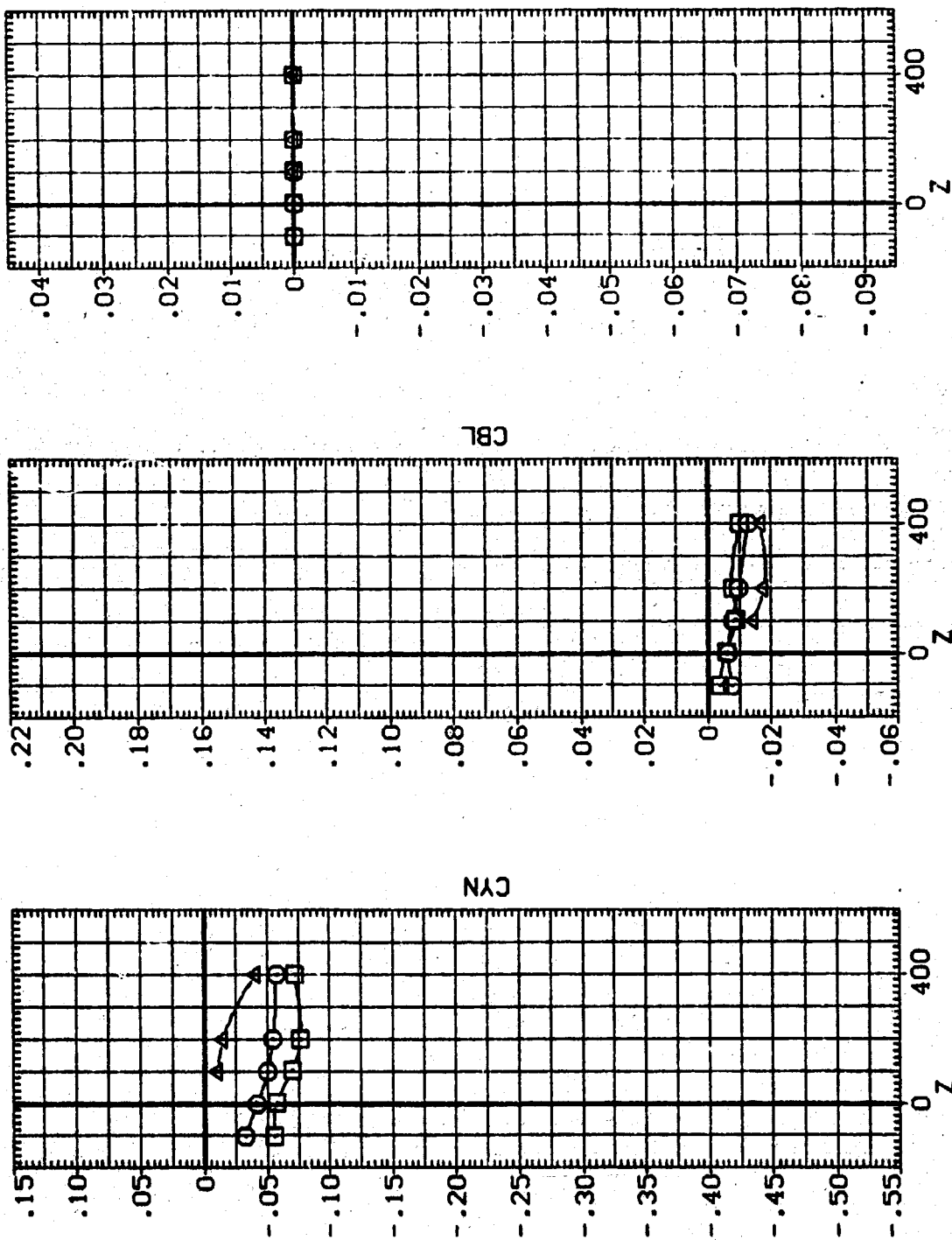


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.9)

(C)Y = 200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU182) AEDC/VAS281 (A87) -01ET/11-1-R/H  
 (ATU183) AEDC/VAS281 (A87) -01ET/11-1-R/H  
 (ATU186) AEDC/VAS281 (A87) -01ET/11-1-R/H

SRB SEPAR. FROM O/E/T  
 SRB SEPAR. FROM O/E/T  
 SRB SEPAR. FROM O/E/T  
 DALPHA  
 BETA  
 X  
 MACH  
 4.520  
 4.520  
 4.520  
 300.000  
 300.000  
 300.000  
 0.000  
 0.000  
 0.000  
 5.100  
 -4.900

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1250.3000 INCHES  
 BREF 1250.3000 INCHES  
 XMRP 1250.5000 IN. XS  
 YMRP 400.0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

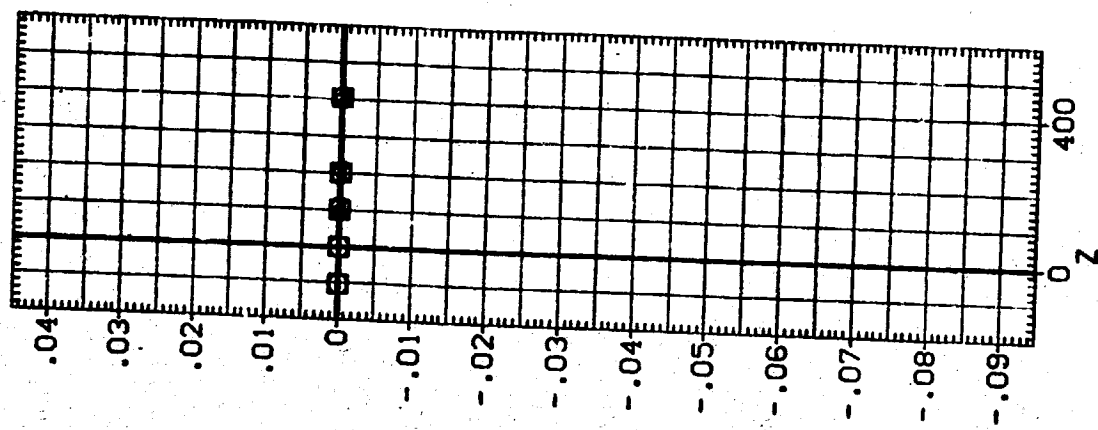
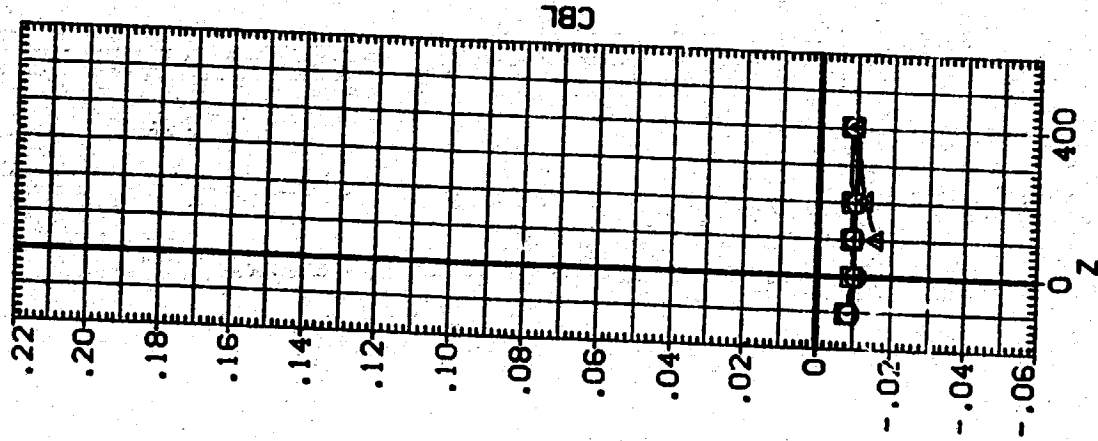
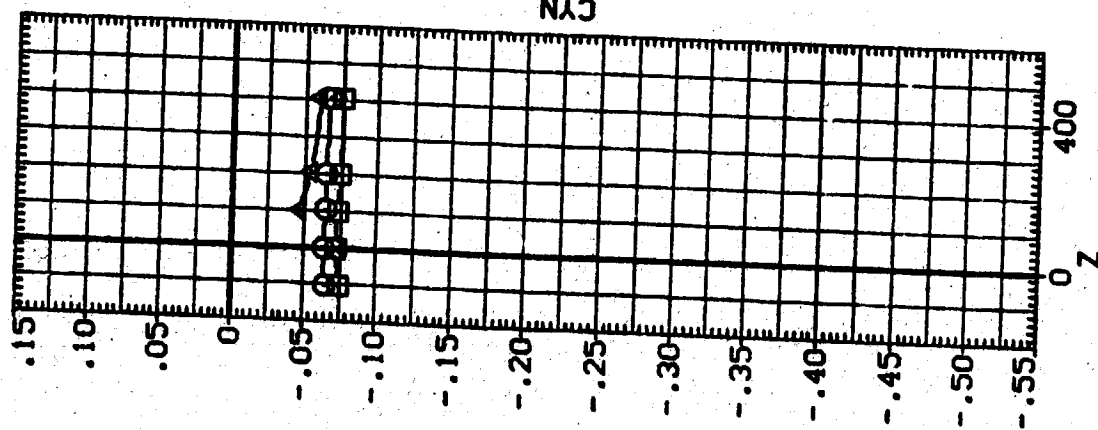


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T. (ALPHA=10.2 BETA=11.0)  
 (O)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU197)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB	.100	-4.100	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU200)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB	5.100	-4.100	.000	4.520	LREF 1250.3000 INCHES
(ATU201)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB	-4.900	-4.100	.000	4.520	BREF 1250.3000 INCHES
							VMRP 1258.5000 IN. XS
							VMRP 400.0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

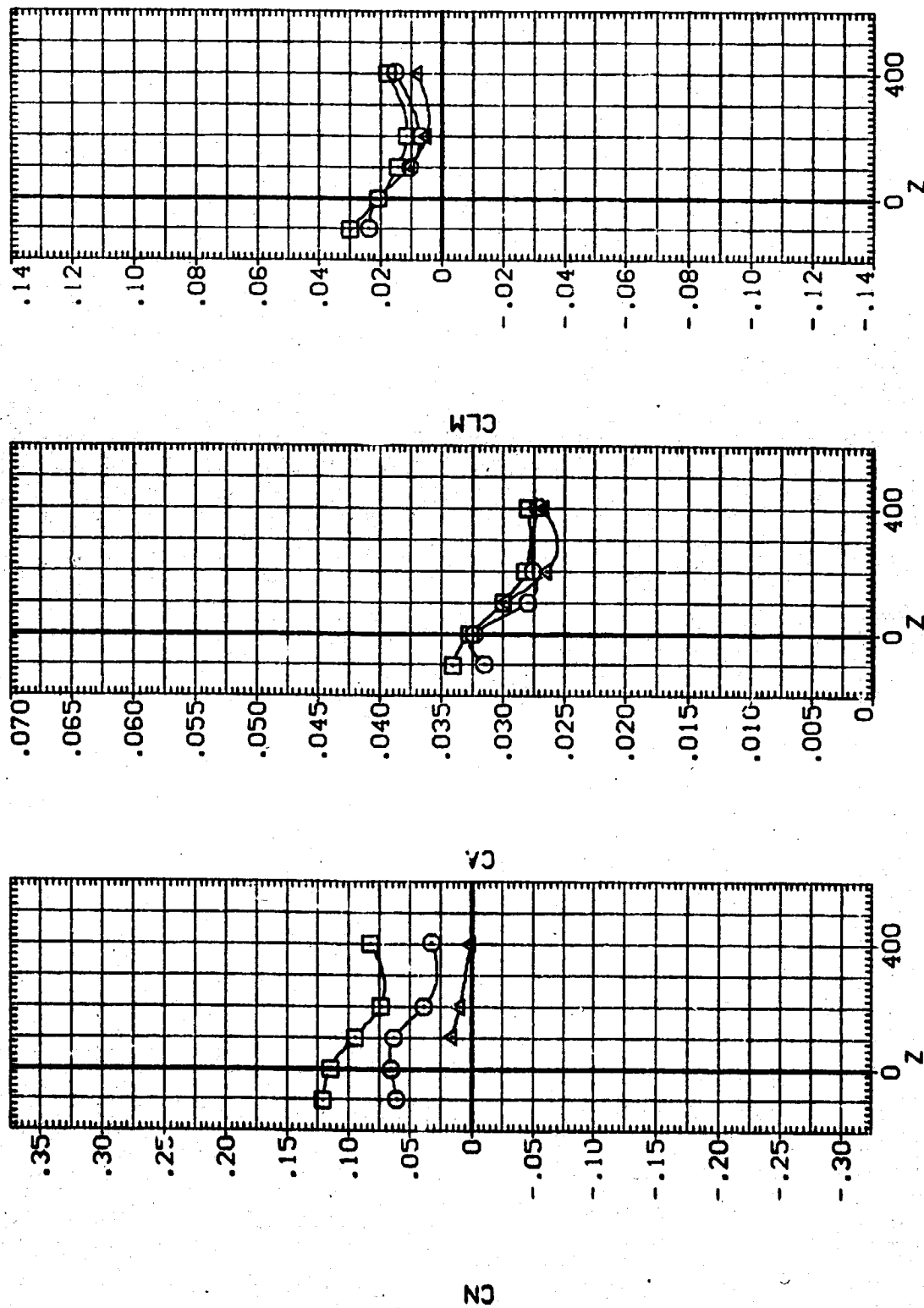


FIG.10 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(B)Y = 100.00

DATA SET SYMBOL

(ATU197)  
(ATU200)  
(ATU201)

CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET  
AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET  
AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET

ALPHA

DETA  
1.00  
5.00  
-4.00

X

.000  
.000  
.000

MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 2630.0000 SQ.FT.  
LREF 1230.3000 INCHES  
BREF 1230.3000 INCHES  
XMRP 1230.5000 IN. XS  
YMRP 400.0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

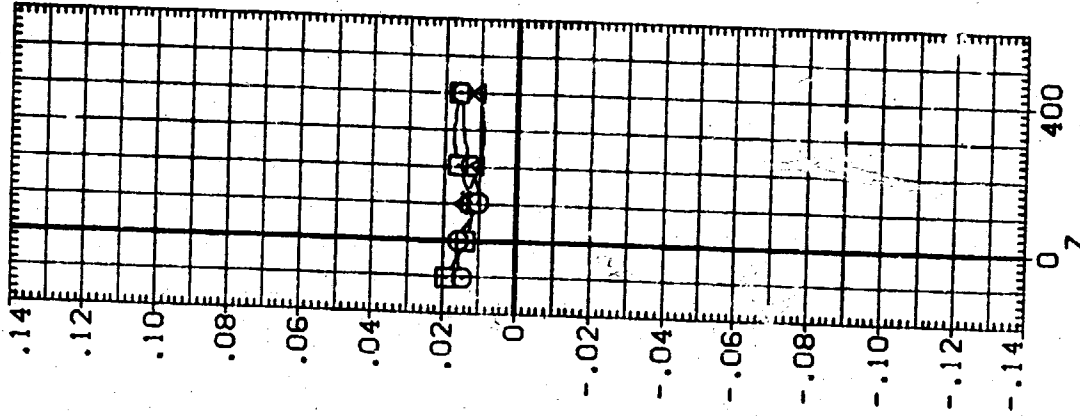
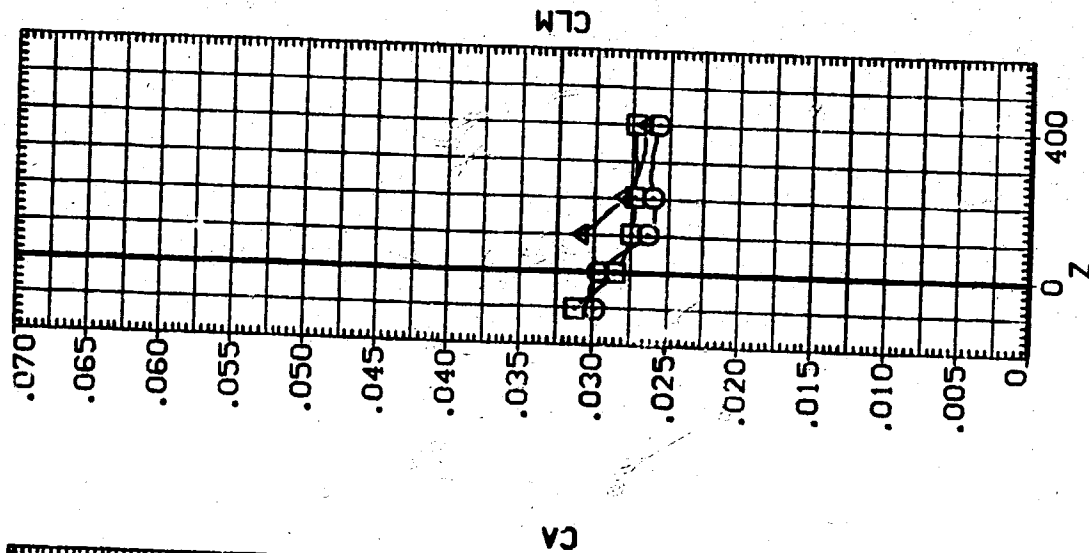
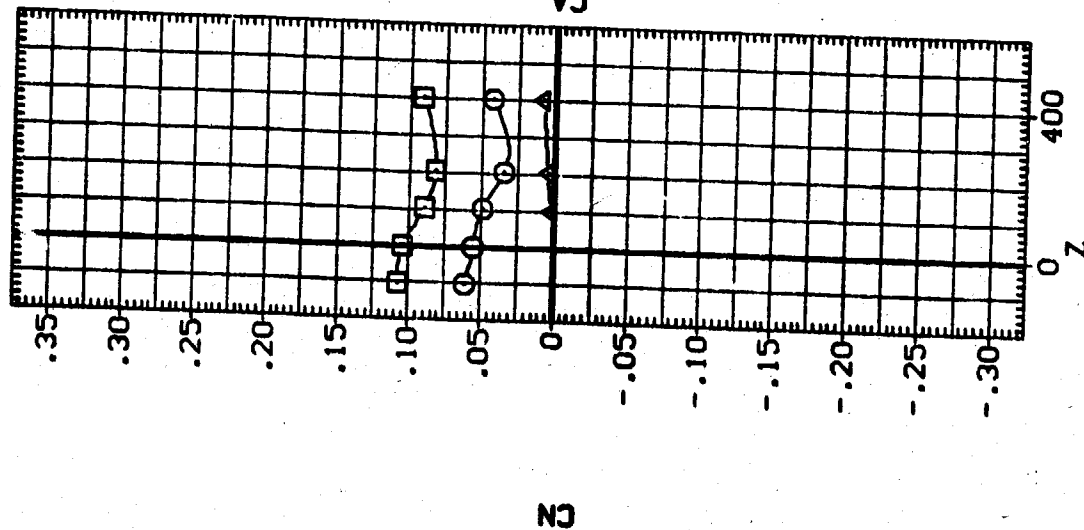


FIG.10 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)  
(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(ATU197)	AE/C/VAS28(1A97)	-O1ET1S1-R/A
(ATU200)	AE/C/VAS28(1A97)	-O1ET1S1-R/A
(ATU201)	AE/C/VAS28(1A97)	-O1ET1S1-R/A

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA	DBETA
1.100	-4.100
5.100	-4.100
-4.900	-4.100

888  
888  
888  
x

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION	
SREF	2690.0000 SQ.FT
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
KHWP	1258.5000 IN. X IN. Y
YHWP	0.0000 IN. Y
ZHWP	400.0000 IN. Z
SCALE	.0100



(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(ATU197)	AEDC/VAS28(1A87)-O1ET1S1-R/H
(ATU200)	AEDC/VAS28(1A87)-O1ET1S1-R/H
(ATU201)	AEDC/VAS28(1A87)-O1ET1S1-R/H

DUALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
5.100	-4.100	.000	4.520	SREF	2650.0000	SO.FT.			
5.100	-4.100	.000	4.520	LRFF	1250.3000	INCHES			
-4.500	-4.100	.000	4.520	BREF	1250.3000	INCHES			
				XPRP	1258.5000	IN. XS			
				YPRP	.0000	IN. YS			
				ZPRP	400.0000	IN. ZS			
				SCALE	.0100				

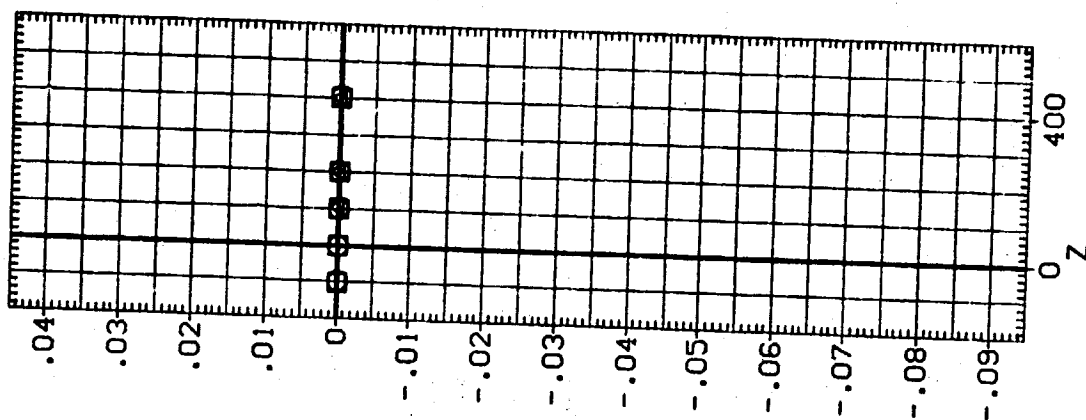
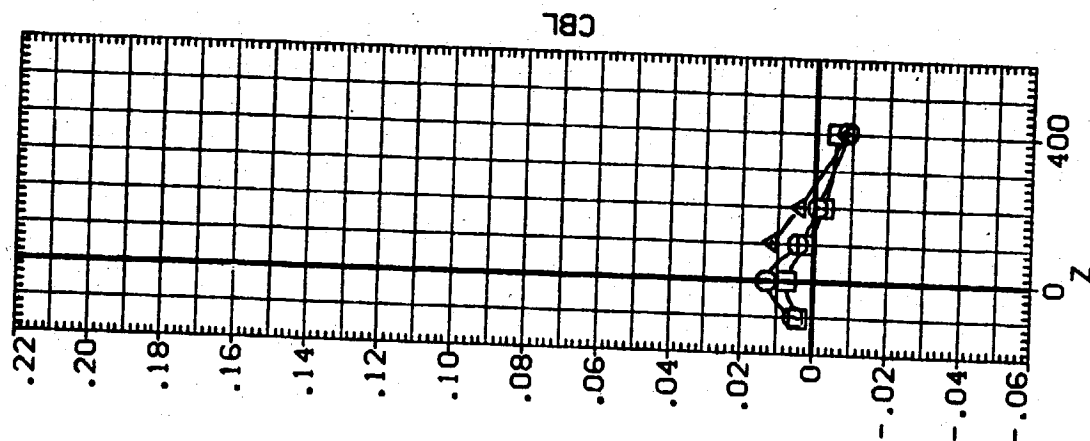
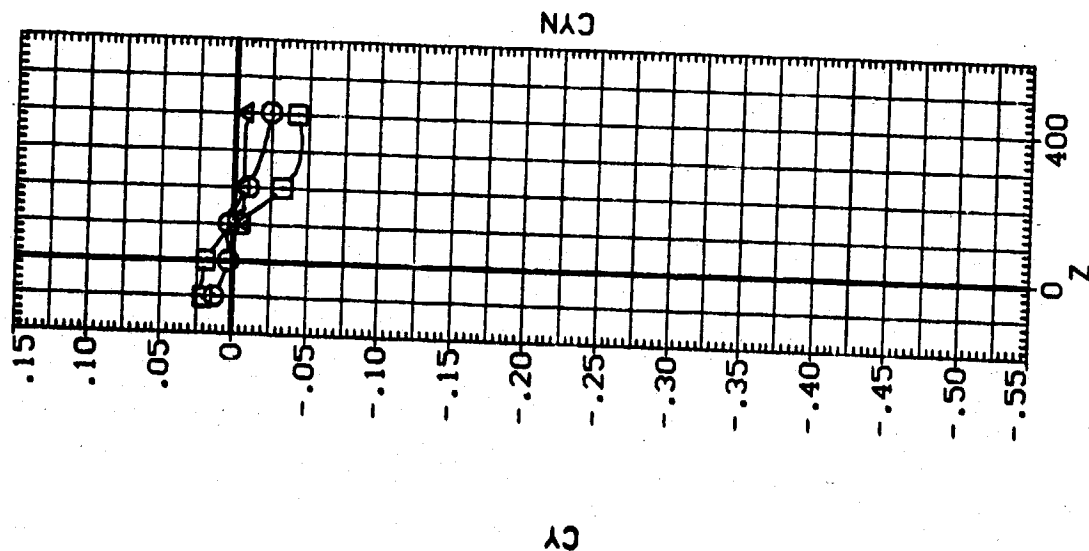


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU197)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.100	-4.100	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU200)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	5.100	-4.100	.000	4.520	LREF 1290.3000 INCHES
(ATU201)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.900	-4.100	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1298.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

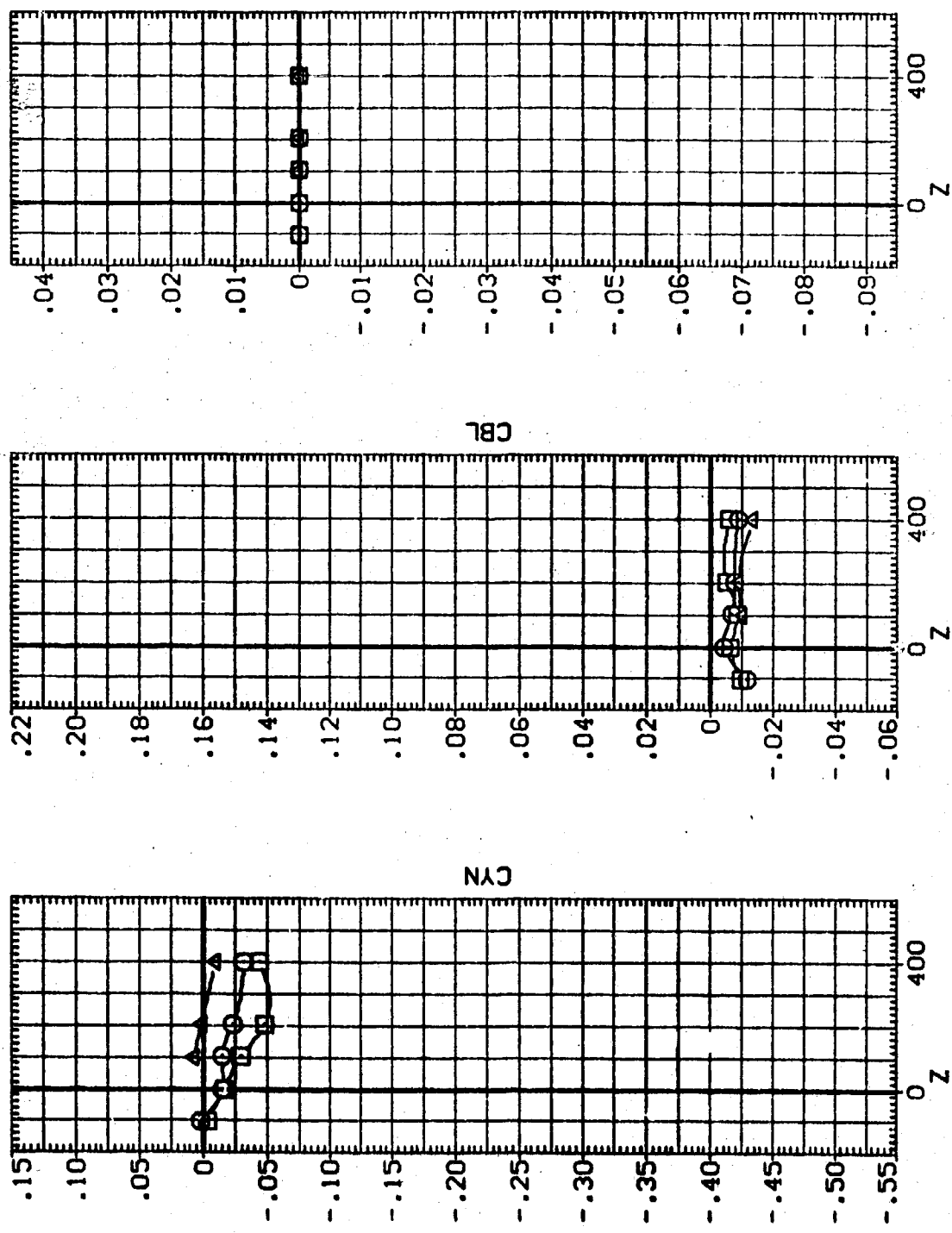


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(C)Y = 200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (A7U158) AEDC/VAS28(1A87)-01ETISI-R/H SRB  
 (A7U158) AEDC/VAS28(1A87)-01ETISI-R/H SRB  
 (A7U202) AEDC/VAS28(1A87)-01ETISI-R/H SRB

SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

DALPHA  
 -4.100  
 -4.100  
 -4.100

BETA  
 -4.100  
 -4.100  
 -4.100

X  
 300.000  
 300.000  
 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1298.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

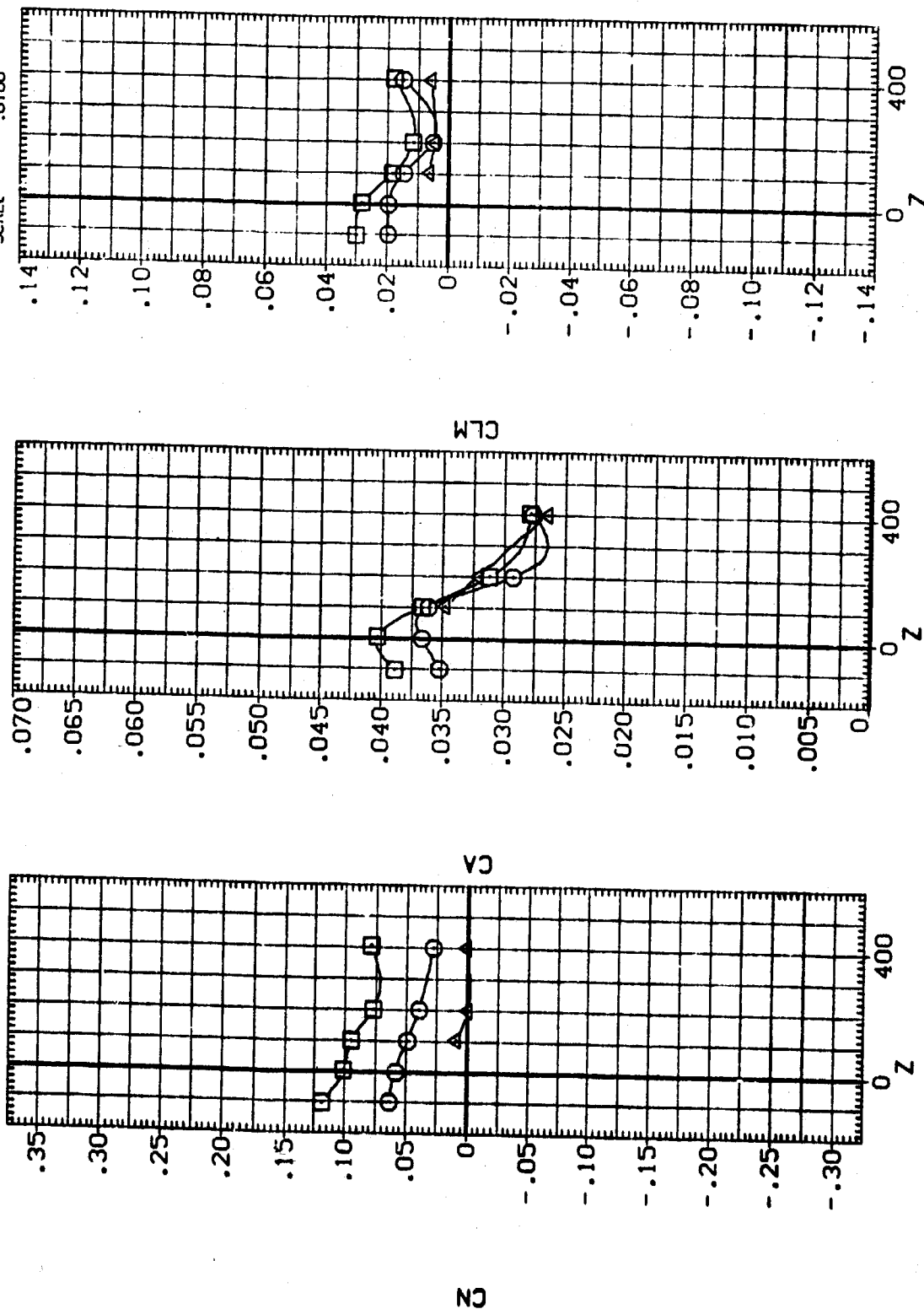


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(B)Y = 100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	BETA	X	MACH	REFERENCE INFORMATION
(ATU198)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.100	-4.100	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU199)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.100	-4.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU202)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.900	-4.100	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

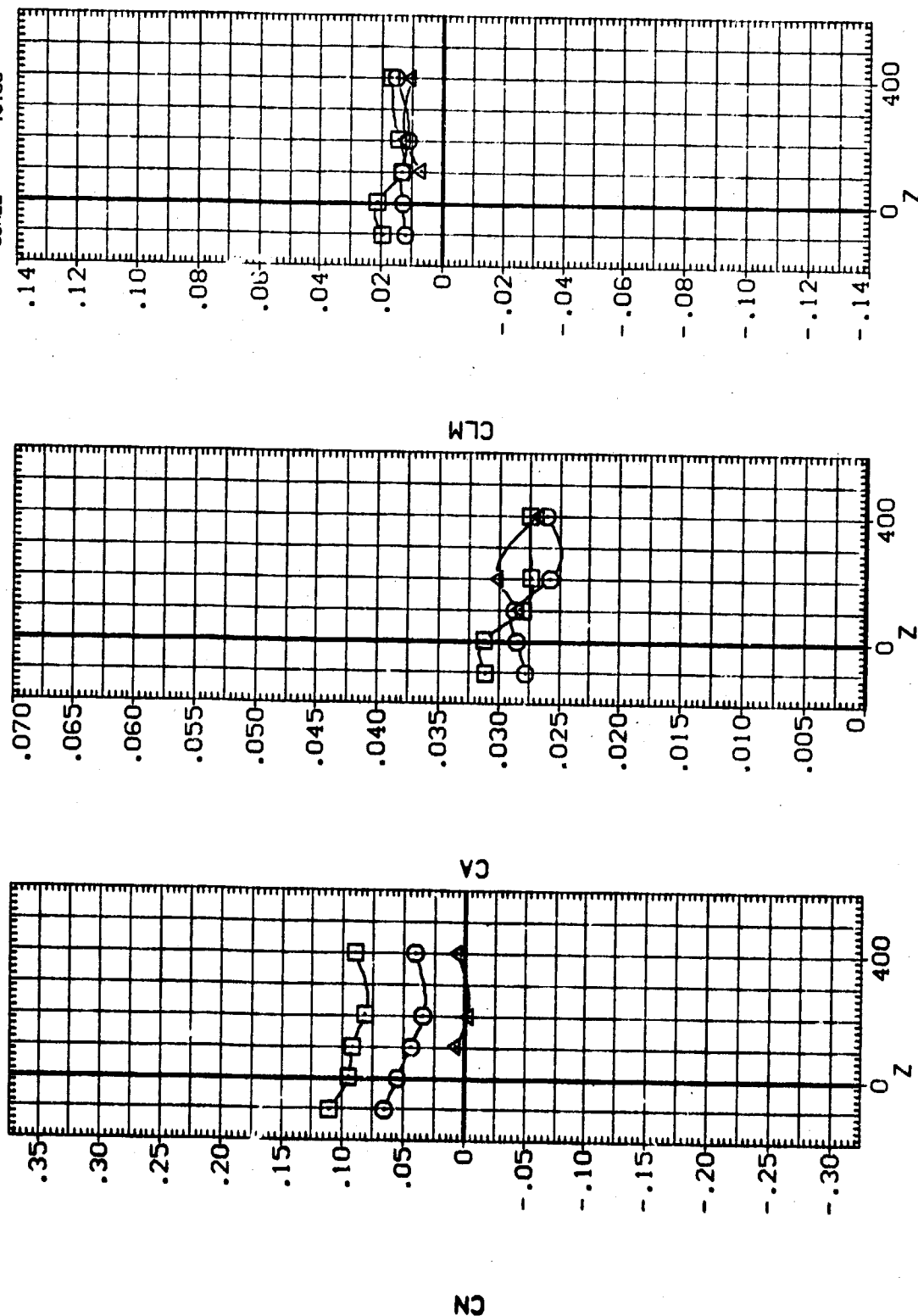


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(C)Y = 200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU198) AEDC/VAS28(1A87)-01ET1S1-R/H  
 (ATU199) AEDC/VAS28(1A87)-01ET1S1-R/H  
 (ATU202) AEDC/VAS28(1A87)-01ET1S1-R/H

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

DALPHA DBETA X  
 .100 -4.100 300.000  
 5.100 -4.100 300.000  
 -4.900 -4.100 300.000

MACH  
 4.520  
 4.520  
 4.520  
 REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 XMRP 1290.3000 INCHES  
 YMRP 1258.5000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

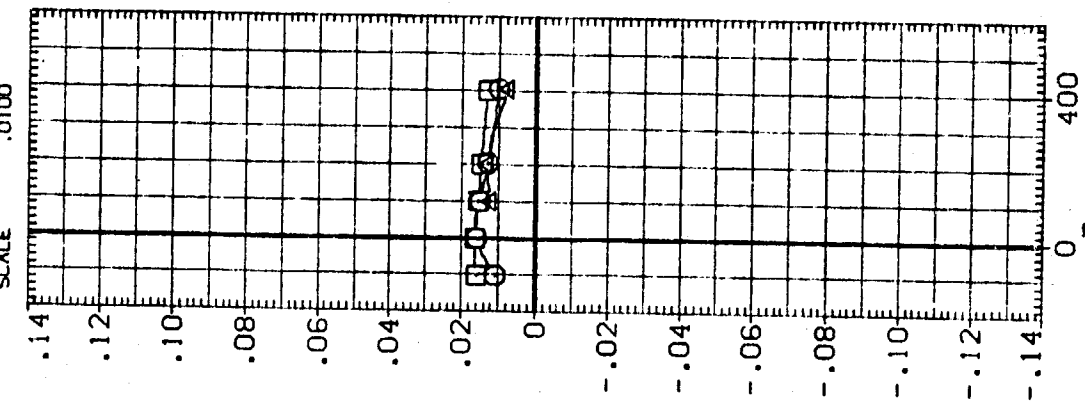
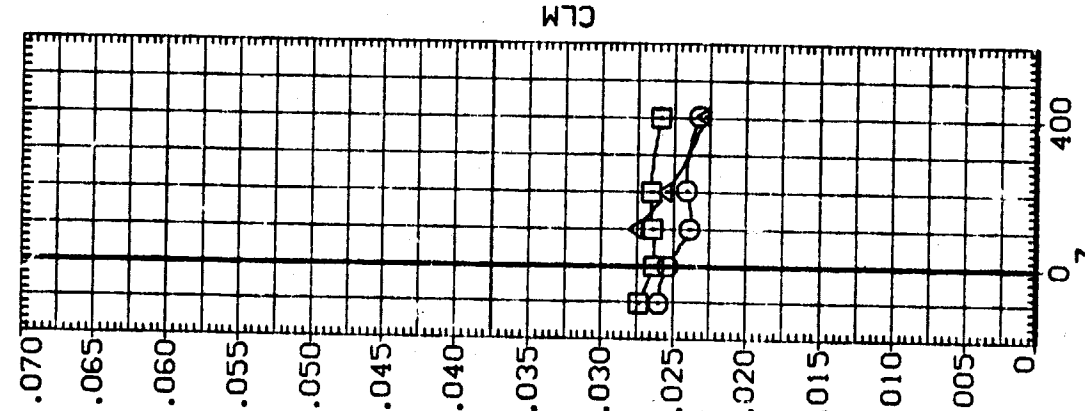
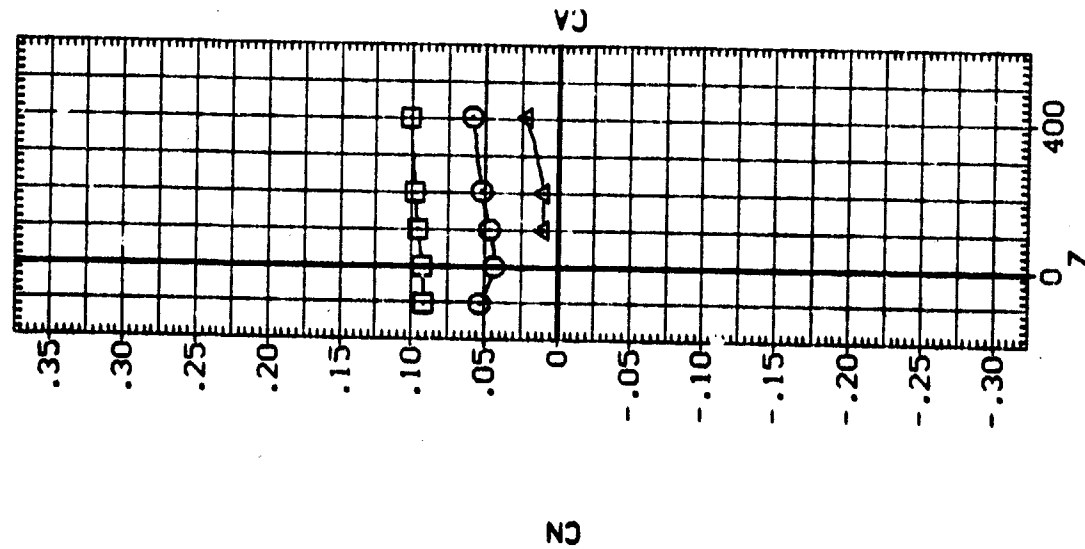


FIG.10 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=10.2 BETA=11.0)

CUY = 400.00

DATA SET SYN30L CONFIGURATION DESCRIPTION

DATA SET	SYN30L	CONFIGURATION DESCRIPTION	SRB	SEPAR FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU198)	Q	AEDC/VAS281 (A87) - O1ET1S1-R/H	SRB	SEPAR FROM O/ET	.100	-4.100	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU199)	Q	AEDC/VAS281 (A87) - O1ET1S1-R/H	SRB	SEPAR FROM O/ET	5.100	-4.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU202)	Q	AEDC/VAS281 (A87) - O1ET1S1-R/H	SRB	SEPAR FROM O/ET	-4.900	-4.100	300.000	4.520	BREF 1290.3000 INCHES
									YREF 1258.5000 IN. YS
									ZREF 400.0000 IN. ZS
									SCALE .0100

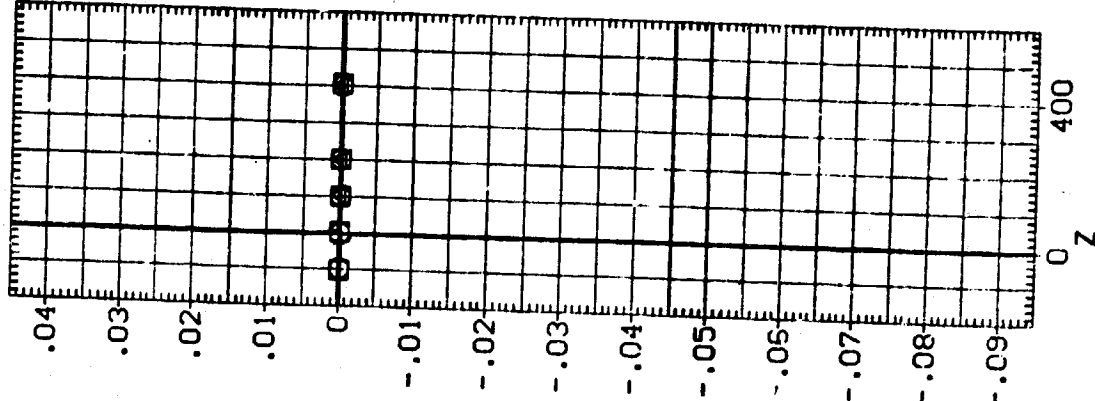
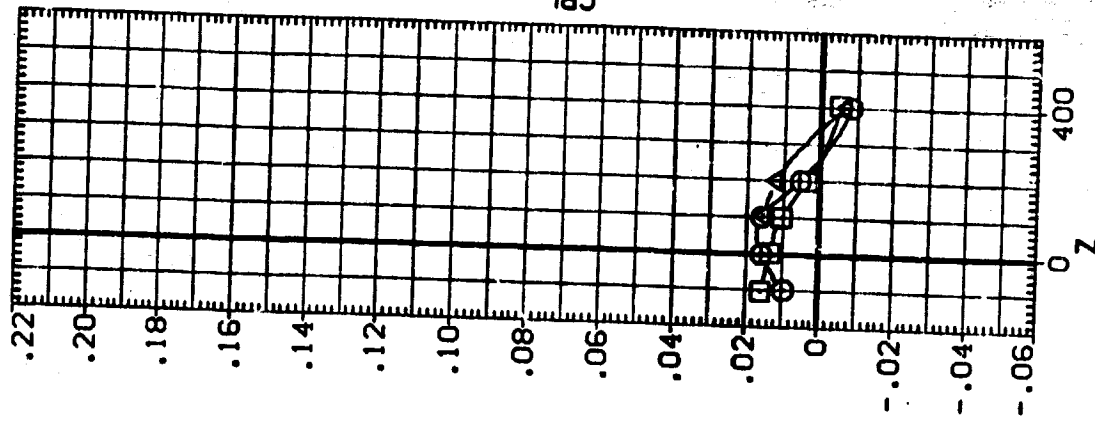
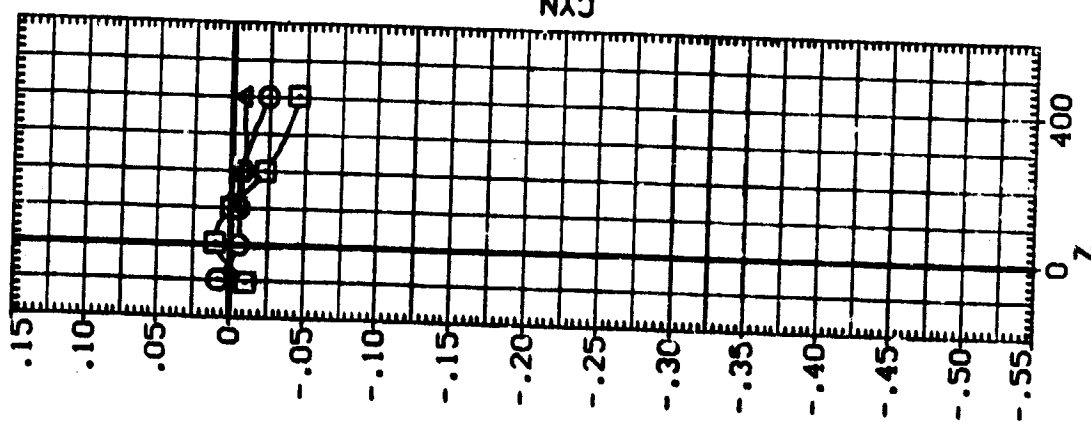


FIG.10 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)  
(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE INFORMATION
(ATU198)	AEDC/VAS281 (A67) - OIETIS1 - R/H SRB	100	-4.100	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU199)	AEDC/VAS281 (A67) - OIETIS1 - R/H SRB	100	-4.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU202)	AEDC/VAS281 (A67) - OIETIS1 - R/H SRB	5.100	-4.100	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1290.5000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

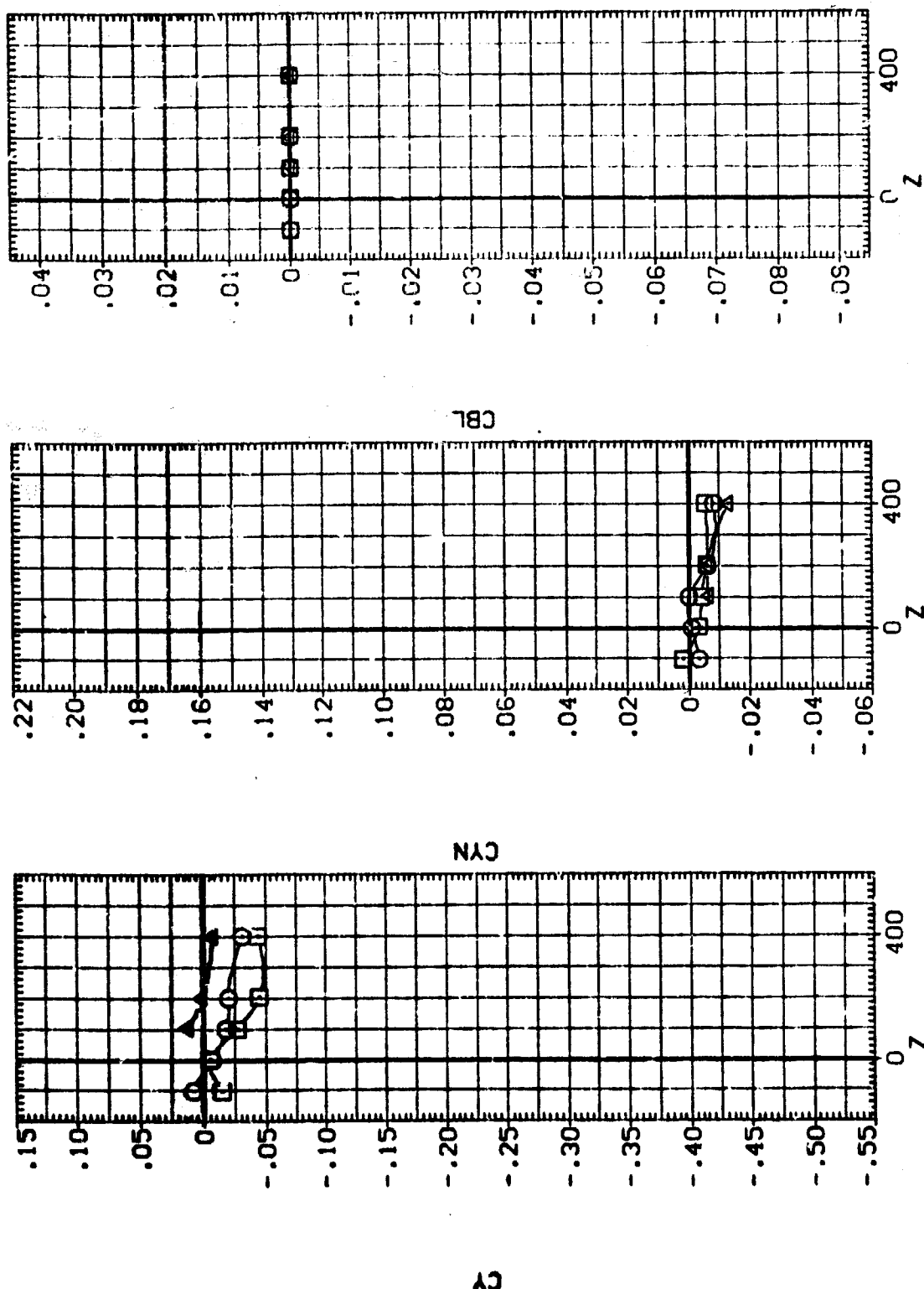


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(C)Y = 200.00

# DATA SET SYMBOL

## CONFIGURATION DESCRIPTION

(ATU198) AFDC/VAS28(1A87)-O1ET1S1-R/H SRB SEPAR. FROM O/ET  
 (ATU199) AEDC/VAS28(1A87)-O1ET1S1-R/H SRB SEPAR. FROM O/ET  
 (ATU202) AEDC/VAS28(1A87)-O1ET1S1-R/H SRB SEPAR. FROM O/ET

MACH 4.520  
 X 300.000  
 Y 300.000  
 Z 300.000

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP 400.0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

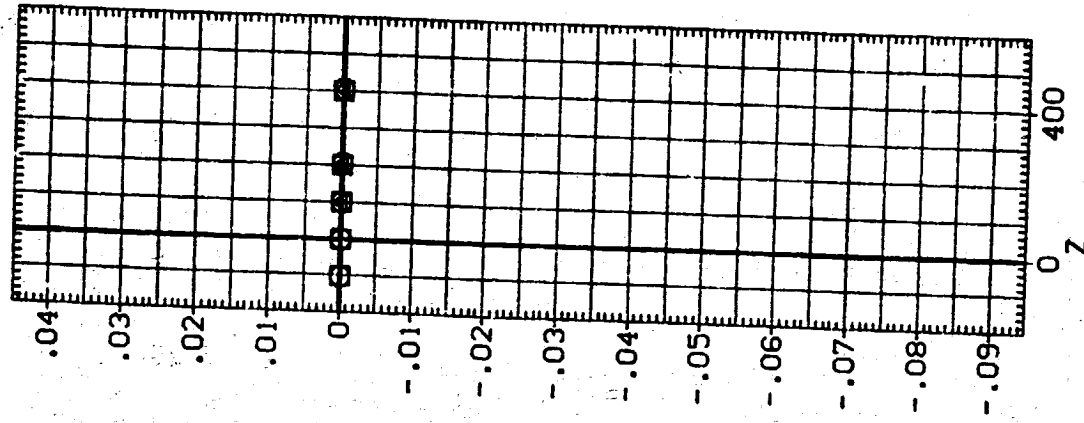
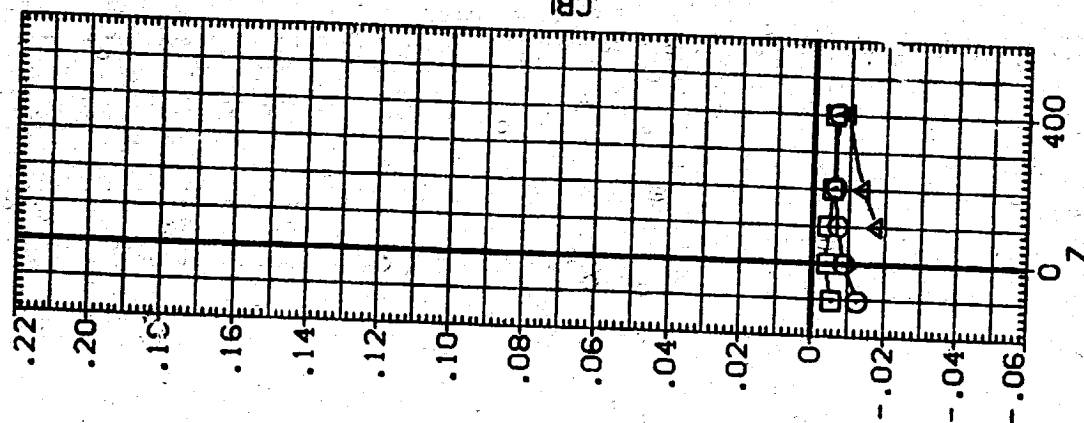
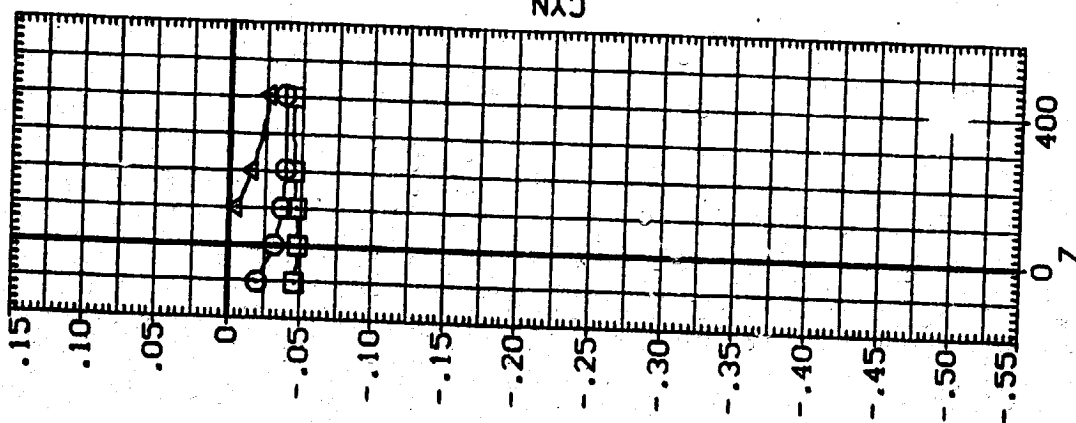


FIG.10 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(O)Y = 400.00

DATA SET SYMBOL: (ATL203) (ATL206) (ATL207)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ETISI-R/H AEDC/VAS28(1A87)-01ETISI-R/H AEDC/VAS28(1A87)-01ETISI-R/H

SRB SEPAR. FROM O/ET: SRB SEPAR. FROM O/ET: SRB SEPAR. FROM O/ET

DALPHA: 100 5.100 -4.500

DBETA: -8.100 -8.100

MACH: 4.520 4.520 4.520

REFERENCE INFORMATION: SREF 2690.0000 SQ.FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XREF 1258.5000 IN. YS YARP 400.0000 IN. ZS ZARP 400.0000 IN. SCALE .0100

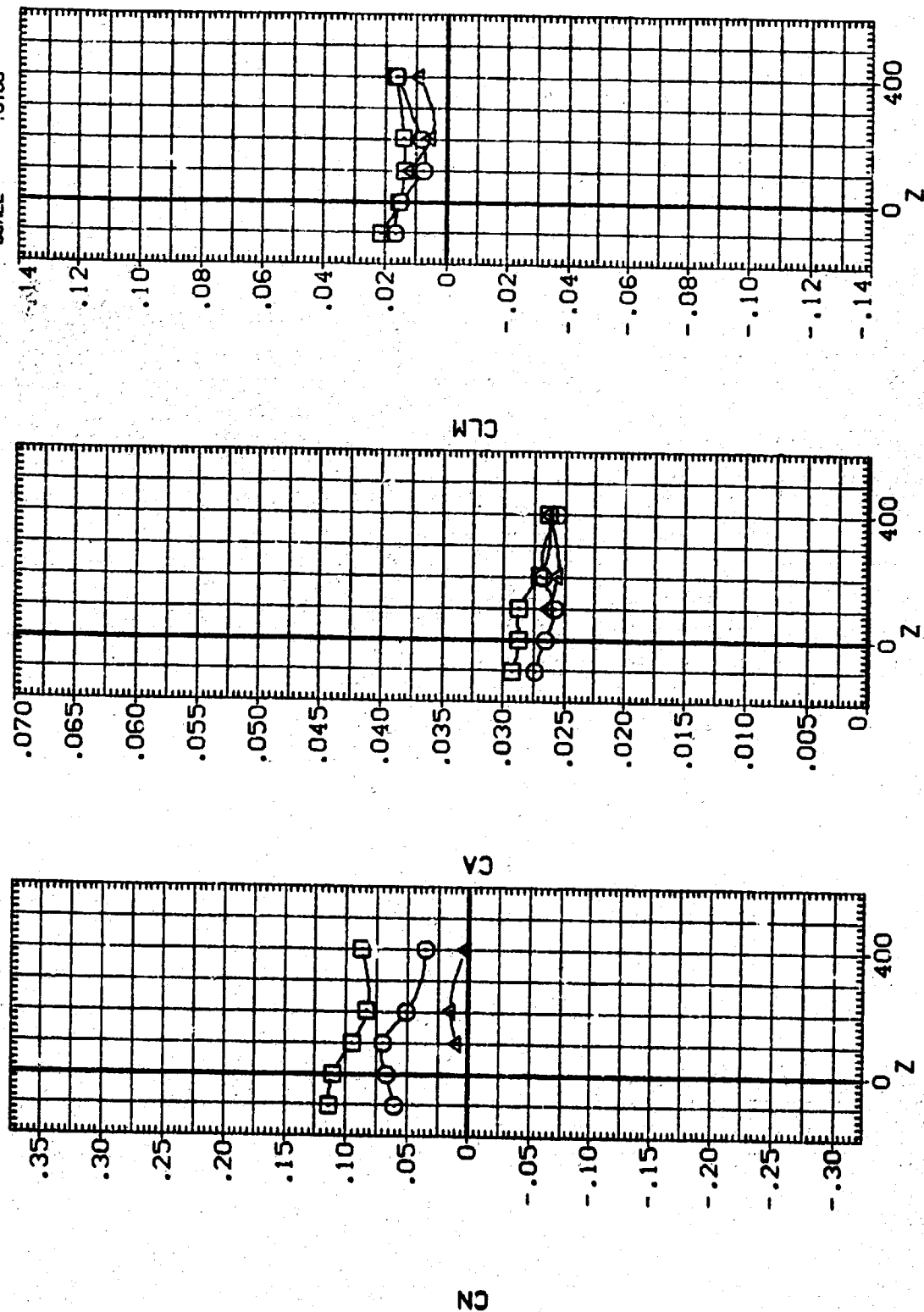


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE INFORMATION
(ATU203)	AEDC/VAS281(A87)-01ET1S1-R/H	.100	-8.100	.000	4.520	SREF 2690.0000 SO.FT. INCHES
(ATU206)	AEDC/VAS281(A87)-01ET1S1-R/H	5.100	-8.100	.000	4.520	LREF 1290.3000 INCHES
(ATU207)	AEDC/VAS281(A87)-01ET1S1-R/H	-4.900	-8.100	.000	4.520	BREF 1290.3000 IN. XS
						YMRP 1258.5000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

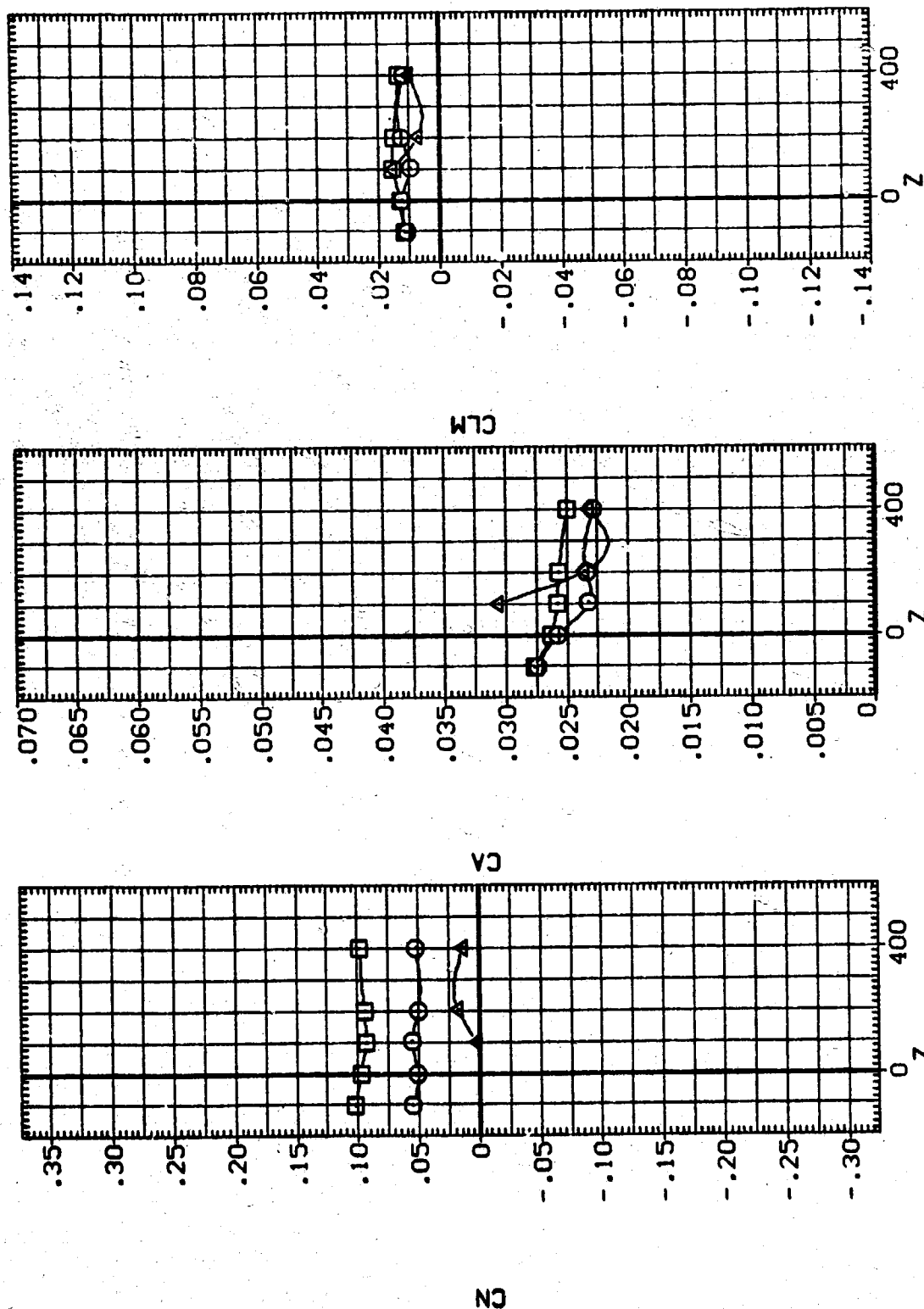


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(O)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATL203)	AEDC/VAS28(1A87)-01ETISI-R/H	.100	-8.100	.000	4.520	SREF 2690.0000 SO.FT.
(ATL205)	AEDC/VAS28(1A87)-01ETISI-R/H	.100	-8.100	.000	4.520	LREF 1290.3000 INCHES
(ATL207)	AEDC/VAS28(1A87)-01ETISI-R/H	-4.900	-8.100	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

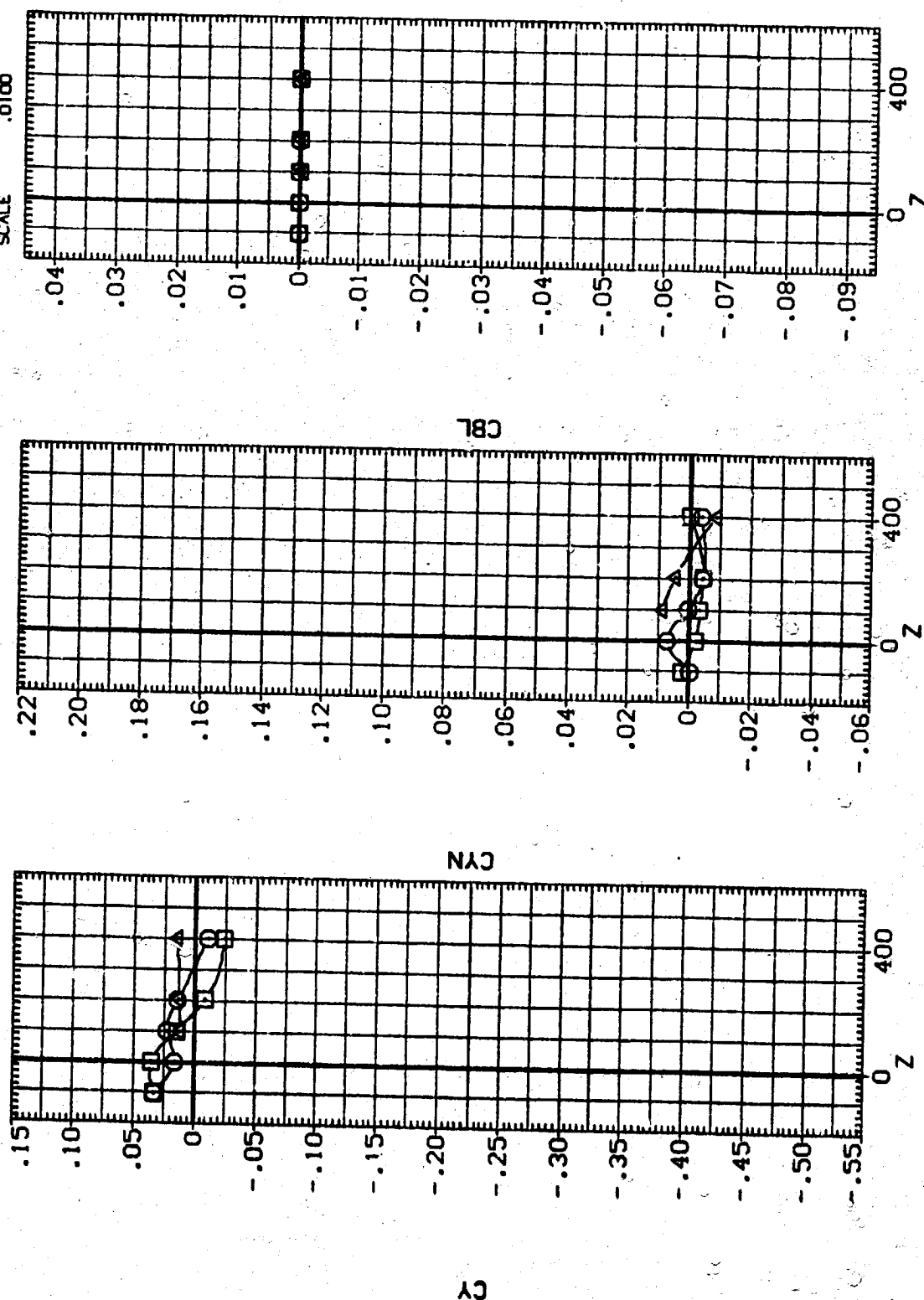


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)  
(C)Y = 200.00





DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU204)  
(ATU205)  
(ATU208)

AECD/VAS28(IAB7)-O1ET1S1-R/H  
AECD/VAS28(IAB7)-O1ET1S1-R/H  
AECD/VAS28(IAB7)-O1ET1S1-R/H

SRB SEPAR.FROM O/ET  
SRB SEPAR.FROM O/ET  
SRB SEPAR.FROM O/ET

DALPHA

DBETA

X

300.000  
300.000  
300.000

MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP 400.0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

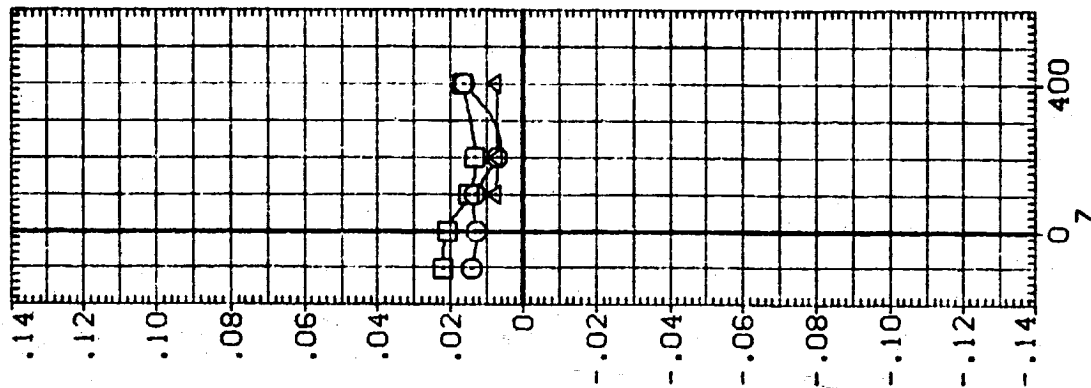
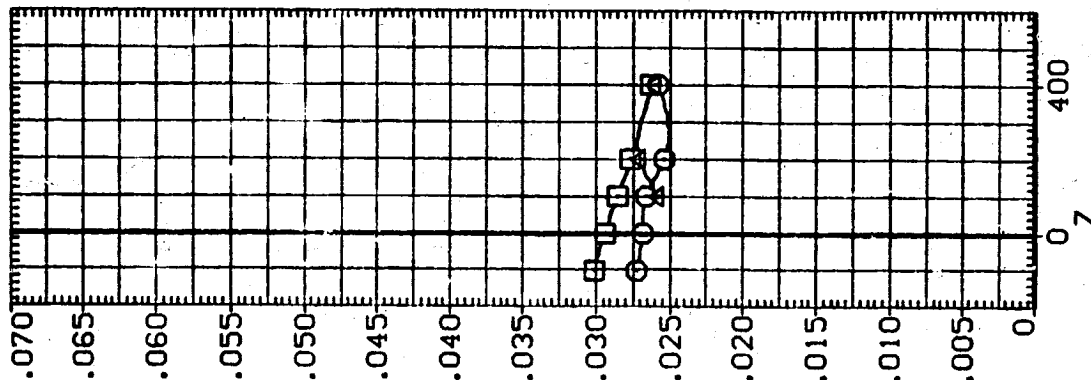
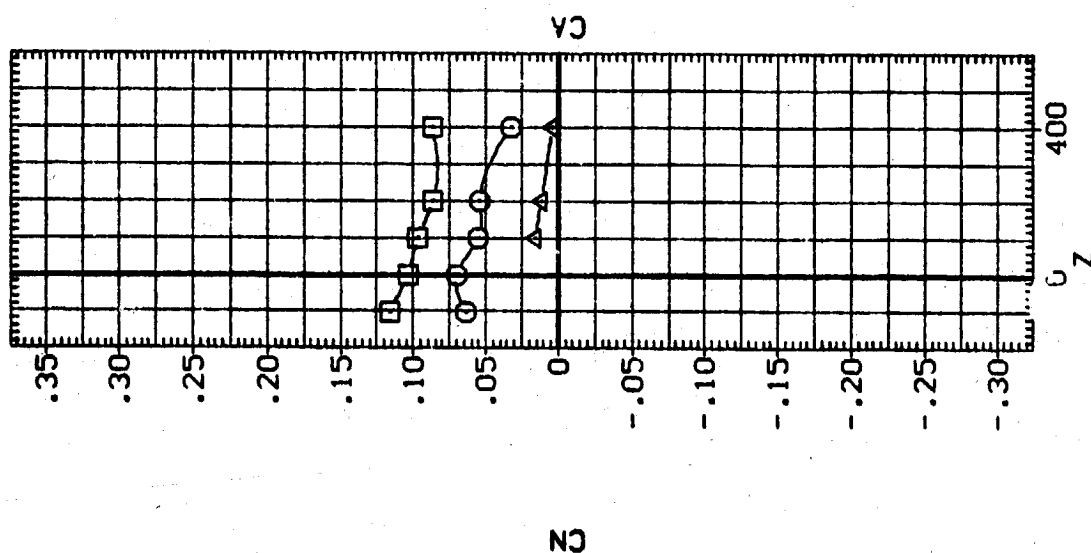


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU204)	AEDC/VAS281 (A87) - 01ET1SI-R/H	SRB SEPAR. FROM O/ET	.100	-8.100	300.000	4.520	SREF 2690.0000 50.FT.
(ATU205)	AEDC/VAS281 (A87) - 01ET1SI-R/H	SRB SEPAR. FROM O/ET	5.100	-8.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU206)	AEDC/VAS281 (A87) - 01ET1SI-R/H	SRB SEPAR. FROM O/ET	-4.900	-8.100	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP .0000 IN. ZS
							SCALE .0100

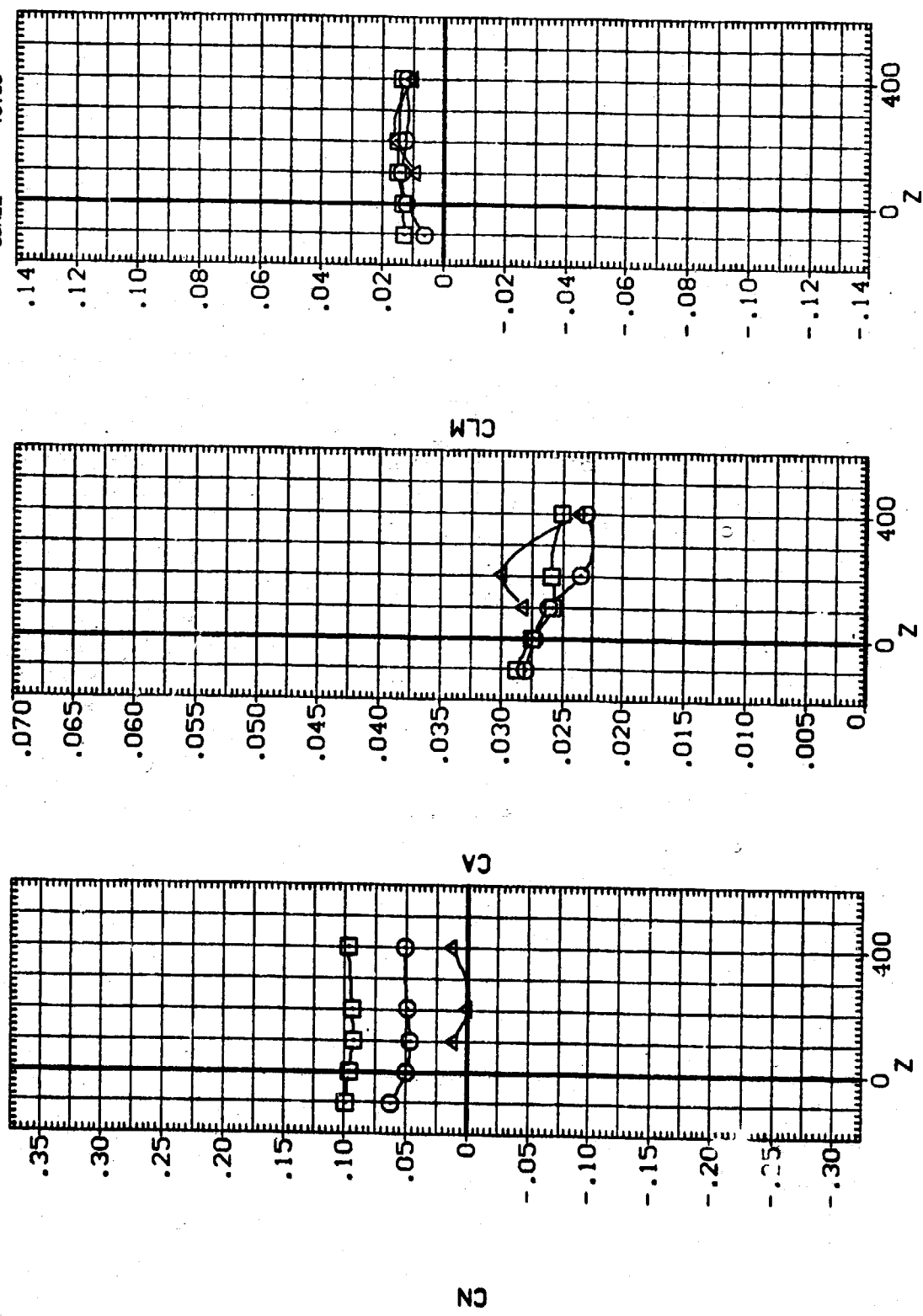


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(O)Y = 400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATUZ04) AEDC/VAS281(1A77)-01ETIS1-R/H SRB SEPAR. FROM O/ET  
 (ATUZ05) AEDC/VAS281(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET  
 (ATUZ08) AEDC/VAS281(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET

DELTA DBETA X  
 .100 -8.100 300.000  
 5.100 -8.100 300.000  
 -4.900 -8.100 300.000

MACH  
 4.520  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

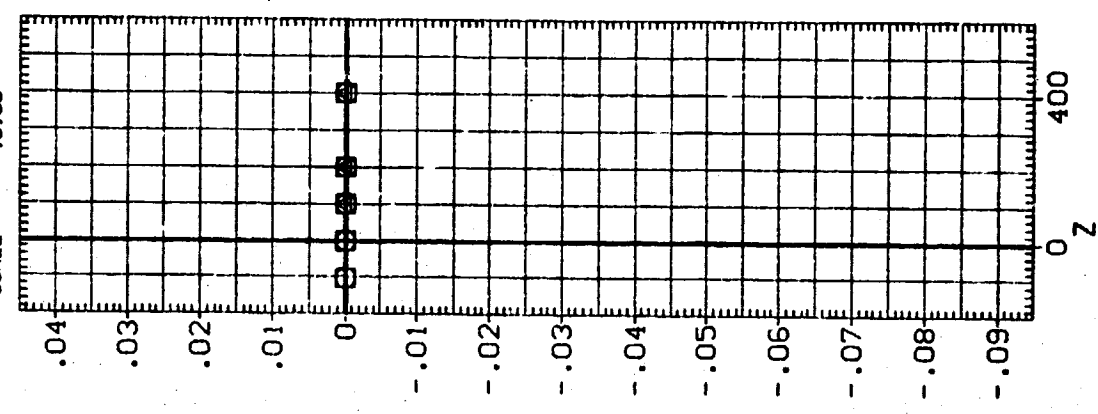
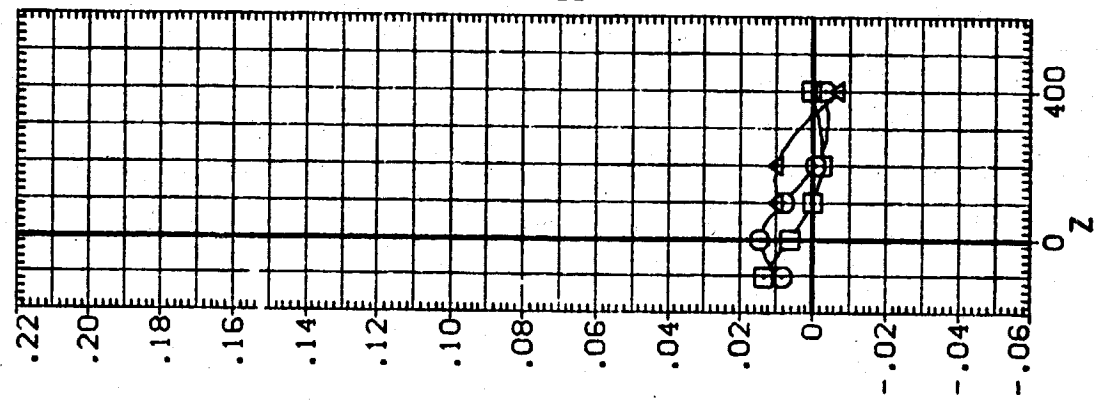
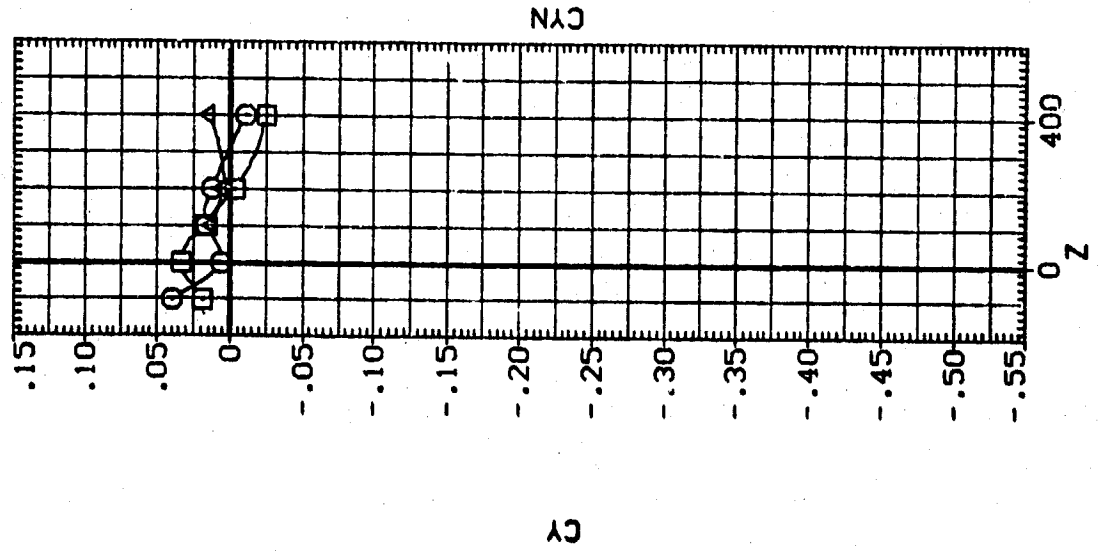


FIG.10 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)  
 (C)Y = 200.00  
 PAGE 251

DATA SET SYMBOL    CONFIGURATION DESCRIPTION    SRB SEPAR. FROM O/ET    DBETA    X    MACH    REFERENCE INFORMATION

(ATL204)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	DBETA	X	MACH	SREF	2690.0000	50. FT.
(ATL205)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	-8.100	300.000	4.520	LREF	1290.3000	INCHES
(ATL208)	AEDC/VAS28(1A87)-01ETISI-R/H	SRB SEPAR. FROM O/ET	-4.900	300.000	4.520	BREF	1290.3000	INCHES
						XMRP	1258.0000	IN. YS
						YMRP	400.0000	IN. YS
						ZMRP	400.0000	IN. YS
						SCALE	.0100	

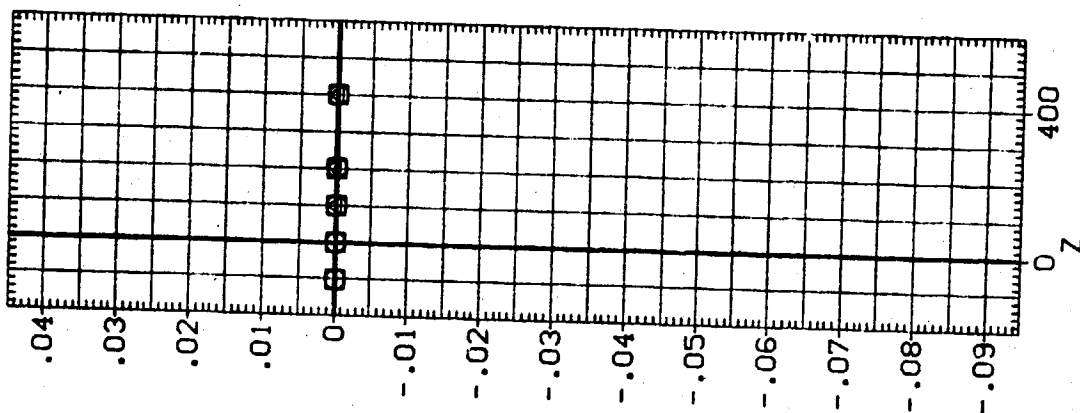
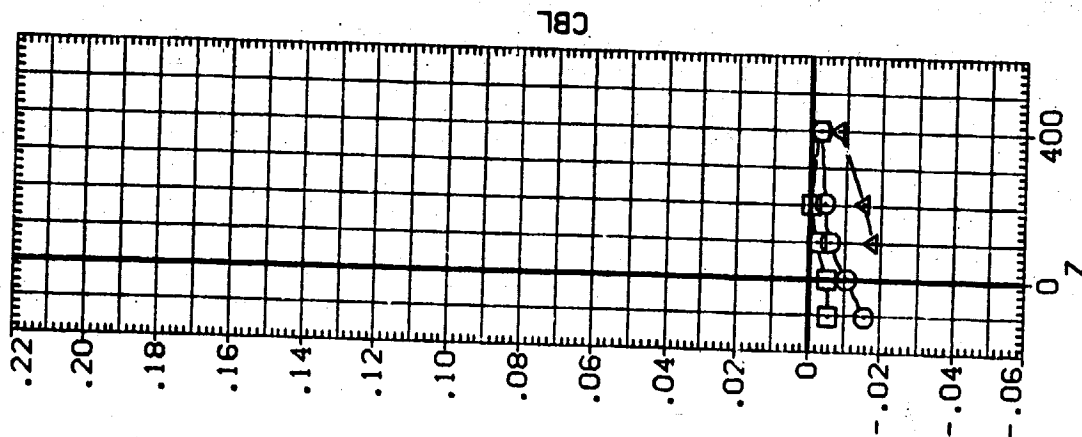
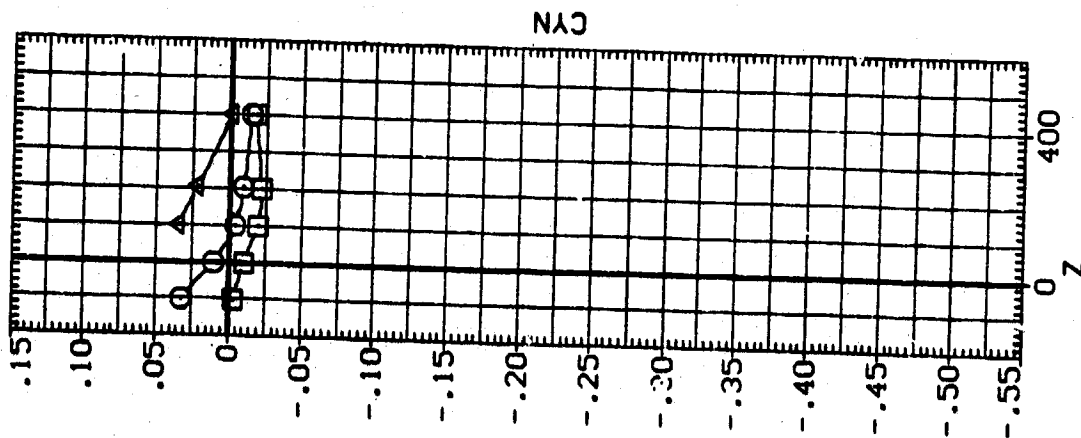


FIG.10 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU227)	AEDC/VAS281(A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	-.100	.000	4.520	SREF 2650.0000 SQ.FT.
(ATU230)	AEDC/VAS281(A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	-.100	.000	4.520	LREF 1250.3000 INCHES
(ATU231)	AEDC/VAS281(A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.900	-.100	.000	4.520	REF 1250.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP 400.0000 IN. YS
							SCALE .0100

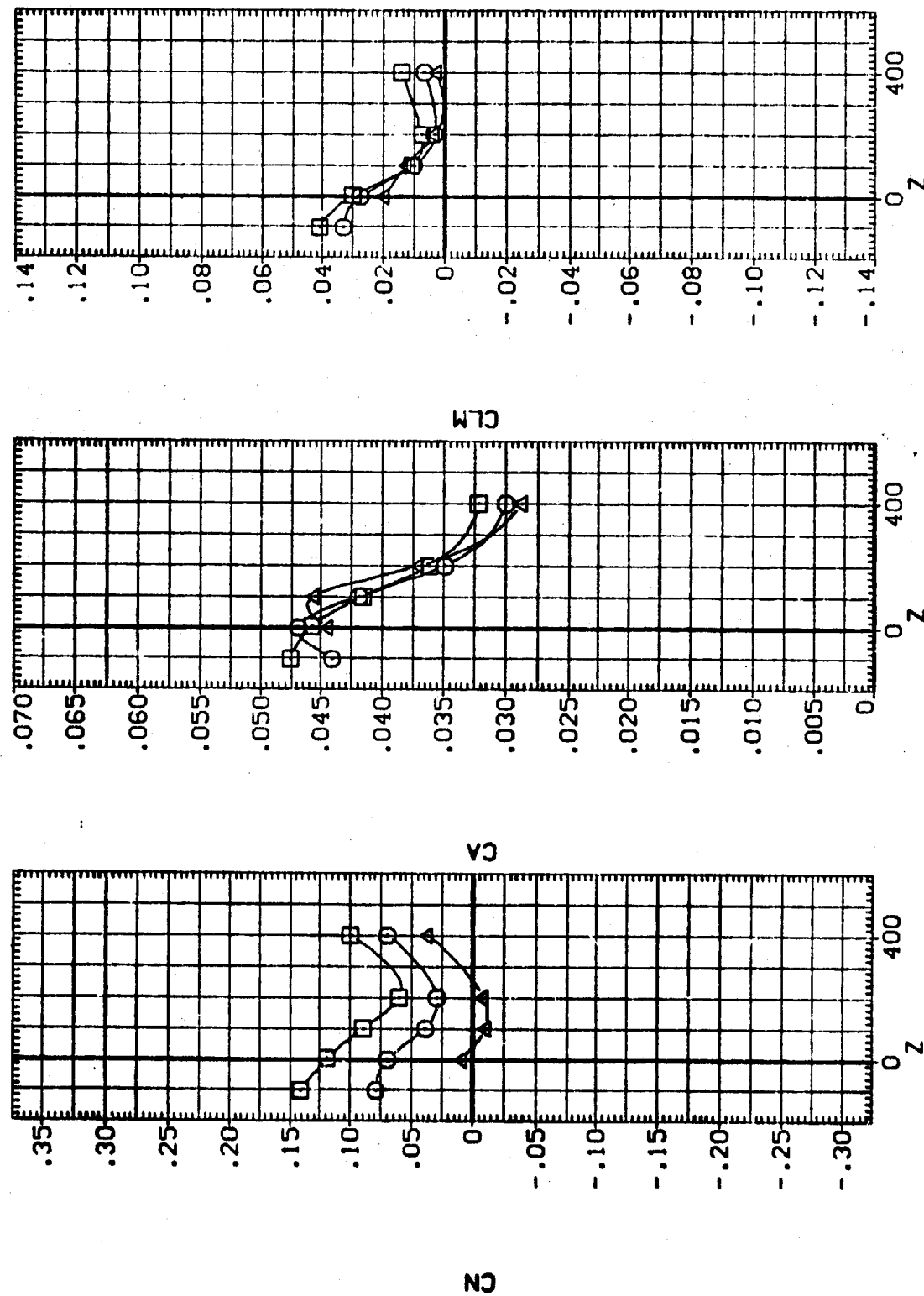


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00

DATA SET SYMBOL  
(ATU227)  
(ATU230)  
(ATU231)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ET1S1-R/H  
AEDC/VAS28(1A87)-01ET1S1-R/H  
AEDC/VAS28(1A87)-01ET1S1-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

ALPHA  
200  
5.200  
-4.900

BETA  
-1.100  
-1.100

X

.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1259.5000 IN. XS  
YMRP 400.0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

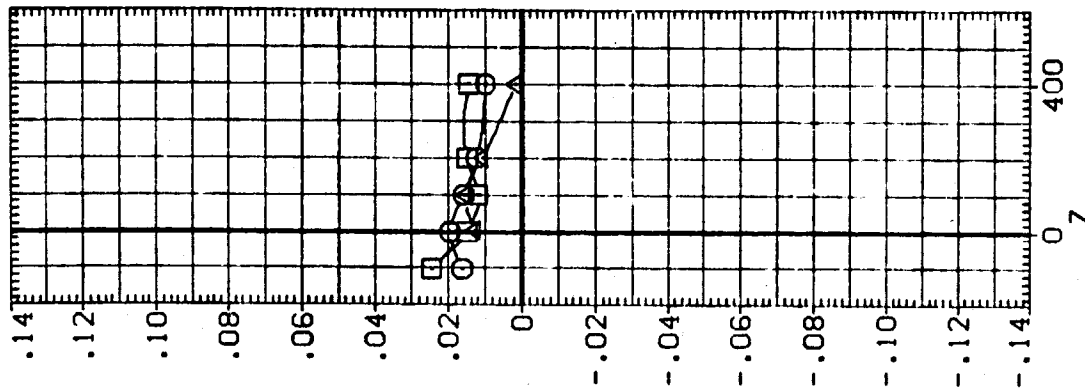
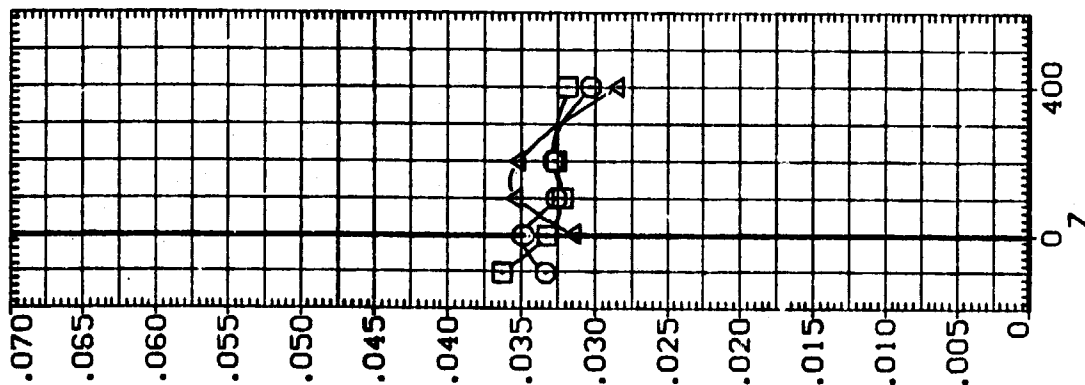
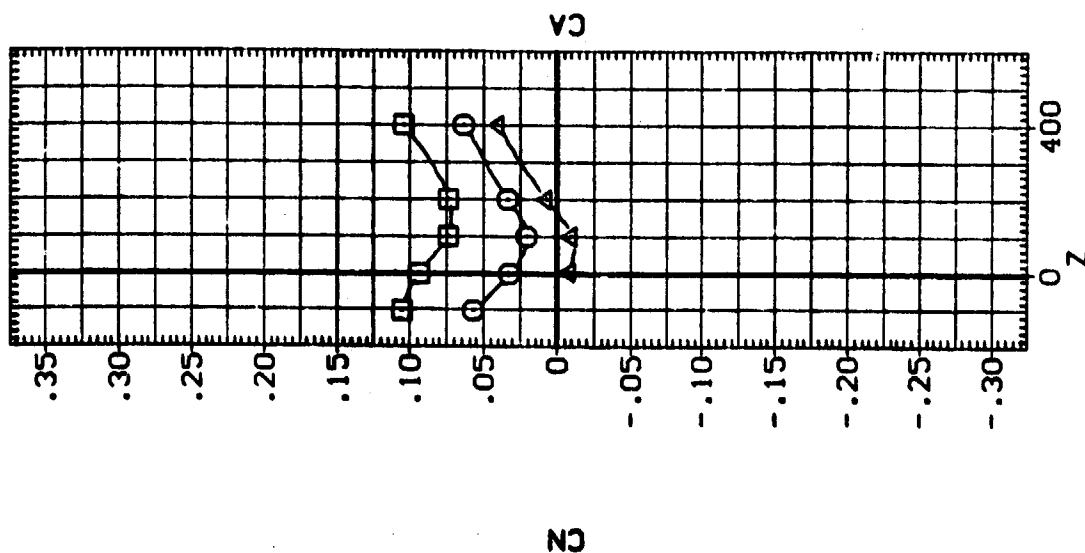


FIG.11 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=10.0 BETA=15.8)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUZ27)	AEDC/VAS281(A87)-01ETISI-R/H	SRB	SEPAR. FROM O/E/T	200	-.100	.000	4.520	SREF 2650.0000 SQ.FT.
(ATUZ30)	AEDC/VAS281(A87)-01ETISI-R/H	SRB	SEPAR. FROM O/E/T	5.200	-.100	.000	4.520	LREF 1290.3000 INCHES
(ATUZ31)	AEDC/VAS281(A87)-01ETISI-R/H	SRB	SEPAR. FROM O/E/T	-4.500	-.100	.000	4.520	BREF 1290.3000 INCHES
								XMRP 1258.5000 IN. XS
								YMRP .0000 IN. YS
								ZMRP 400.0000 IN. ZS
								SCALE .0100

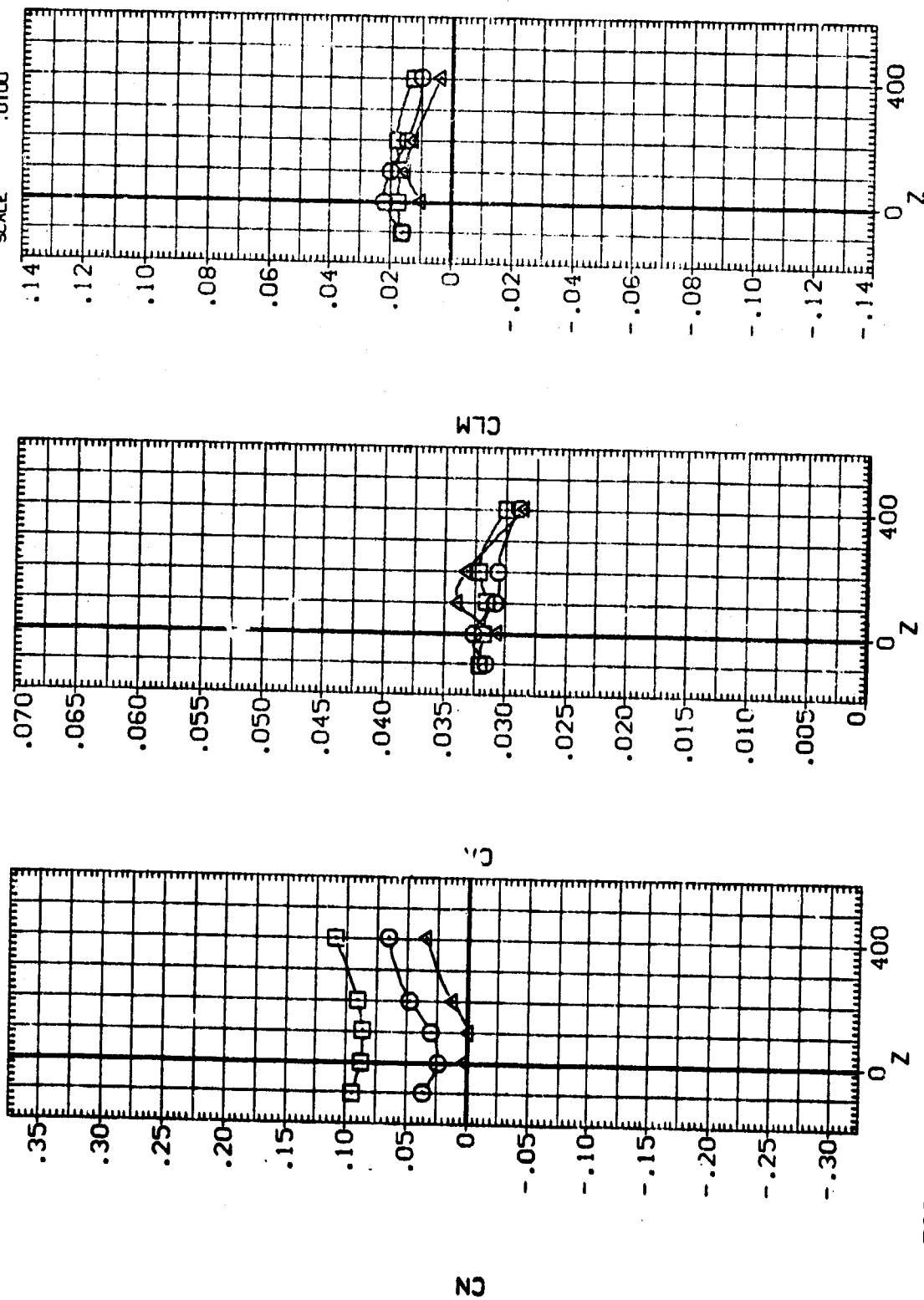


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=10.0 BETA=15.8)  
(C)Y = 200.00





DATA SET SYMBOL CONFIGURATION DESCRIPTION

(AT0227) AEDC/VAS28(1A87)-01ET:SI-R/H SRB SEPAR. FROM O/ET

(AT0230) AEDC/VAS28(1A87)-01ET:SI-R/H SRB SEPAR. FROM O/ET

(AT0231) AEDC/VAS28(1A87)-01ET:SI-R/H SRB SEPAR. FROM O/ET

ALPHA 0.200

BETA -0.100

MACH 4.520

SCALE 0.0100

REFERENCE INFORMATION

SREF 2650.0000 SQ.FT.

LREF 1250.3000 INCHES

BREF 1250.3000 INCHES

XMRP 1258.5000 IN. XS

YMRP 400.0000 IN. YS

ZMRP 400.0000 IN. ZS

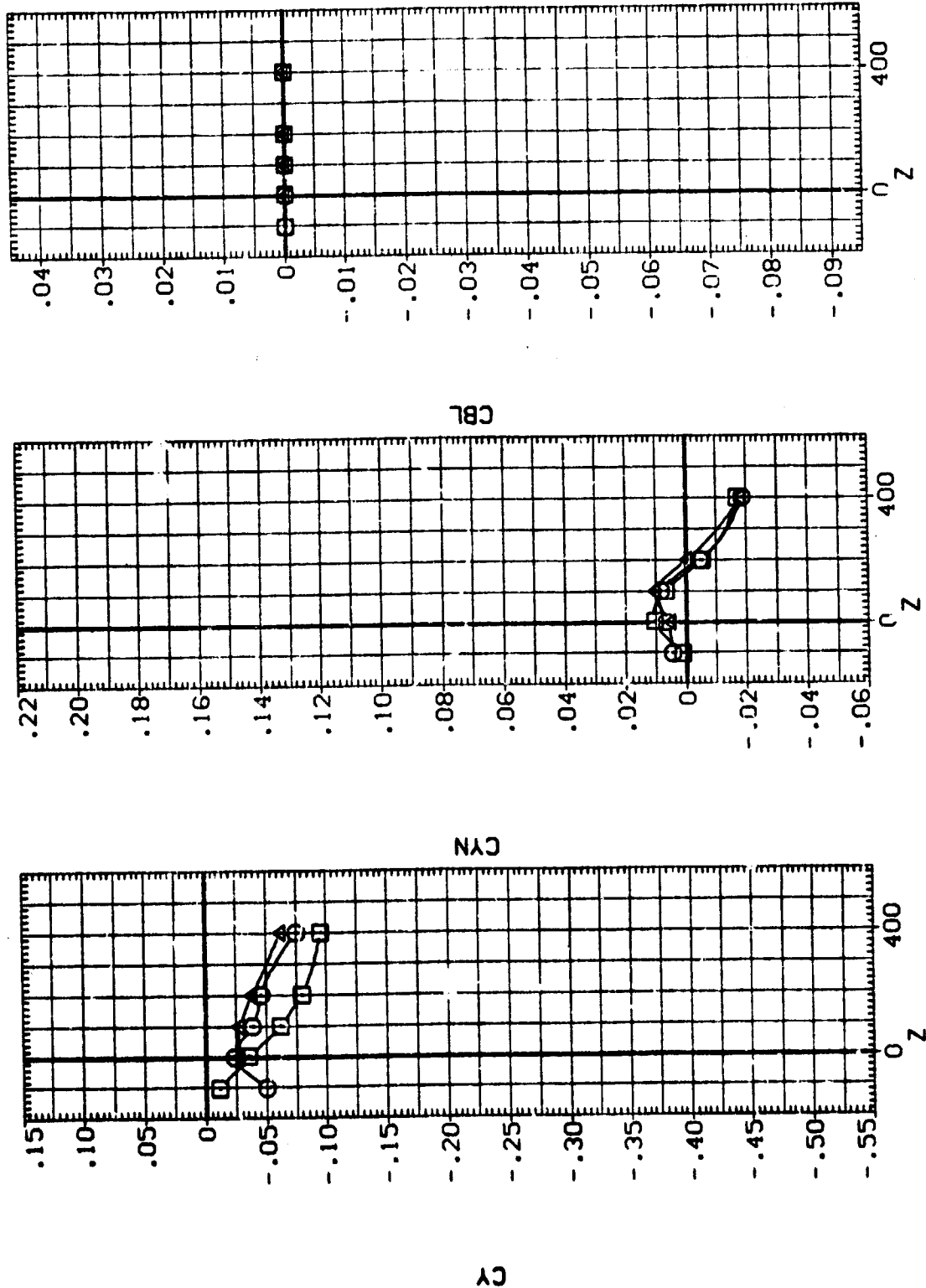


FIG.11 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00



# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATUZZ7)  
(ATUZZ30)  
(ATUZZ31)

AEUC/VAS28(1A87)-O1ET1S1-R/H  
AEUC/VAS28(1A87)-O1ET1S1-R/H  
AEUC/VAS28(1A87)-O1ET1S1-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA

.200  
.200  
-4.900

DBETA

-1.00  
-1.00  
-1.00

X

.000  
.000  
.000

HACH

4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 2690.0000  
LREF 1290.3000  
BREF 1290.3000  
XMRP 1296.5000  
YMRP 400.0000  
ZMRP 400.0000  
SCALE .0100

SO.FT.  
INCHES  
IN. XS  
IN. YS  
IN. ZS

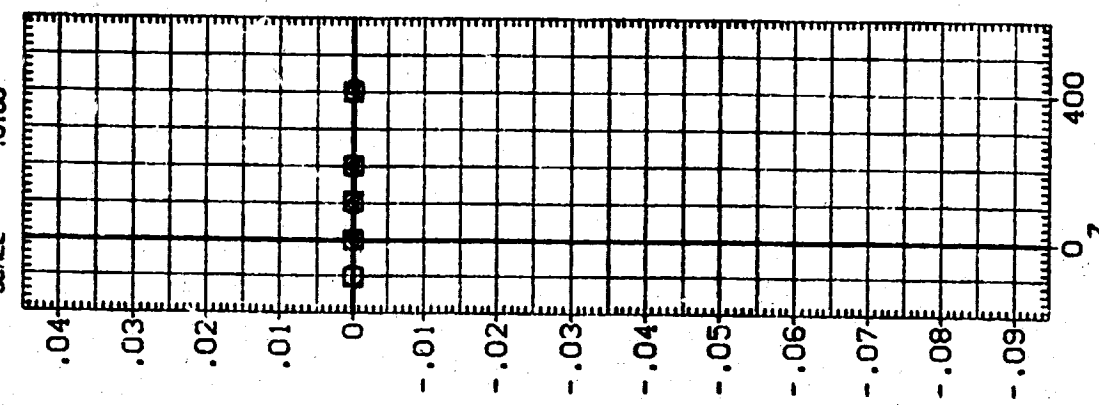
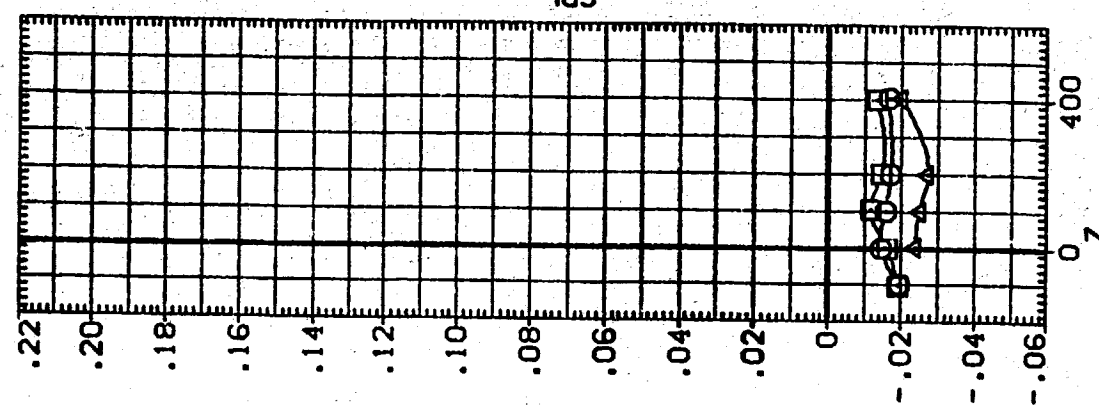
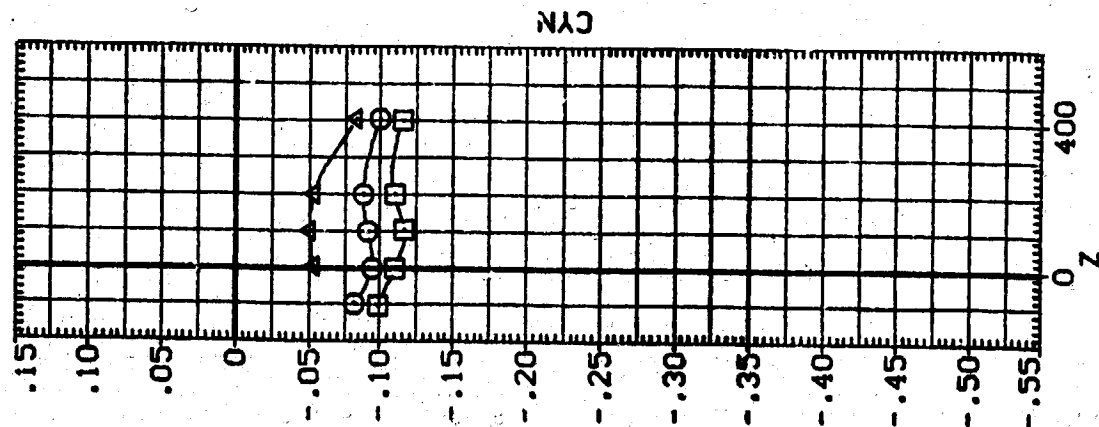


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(ATUZ27)	AEDC/VAS28(1A87)	-O1ET1S1-RH
(ATUZ30)	AEDC/VAS28(1A87)	-O1ET1S1-RH
(ATUZ31)	AEDC/VAS28(1A87)	-O1ET1S1-RH

SP9 SEPAR. FROM O/E/T  
SR8 SEPAR. FROM O/E/T  
SR8 SEPAR. FROM O/E/T

ALPHA	BETA	X
200	100	
500	100	
1000	100	

**MACH**  
**4.520**  
**4.520**  
**4.520**

REFERENCE INFORMATION	
	SO. FT.
	INCHES
	IN. XS
	IN. YS
	IN. ZS
SREF	2690.0000
LREF	1290.3000
BREF	1290.3000
XMRP	1258.5000
YMRP	.0000
ZMRP	400.0000
SCALE	.0100

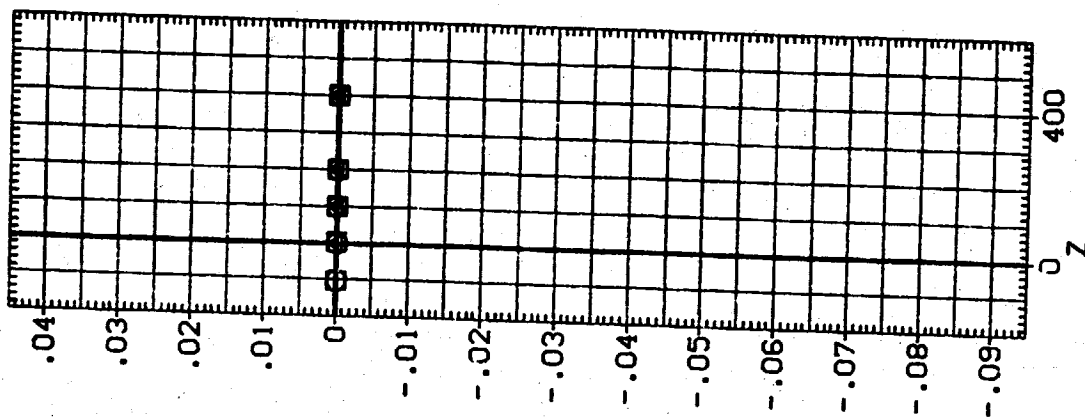
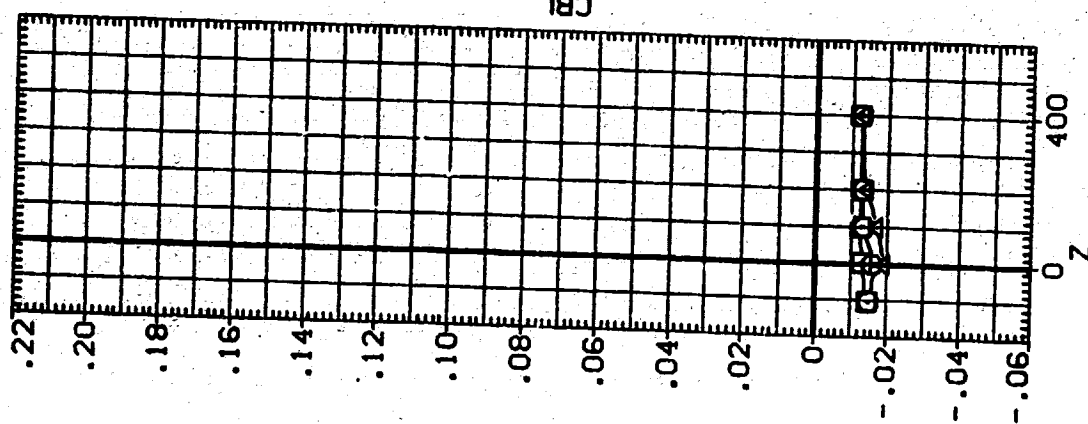
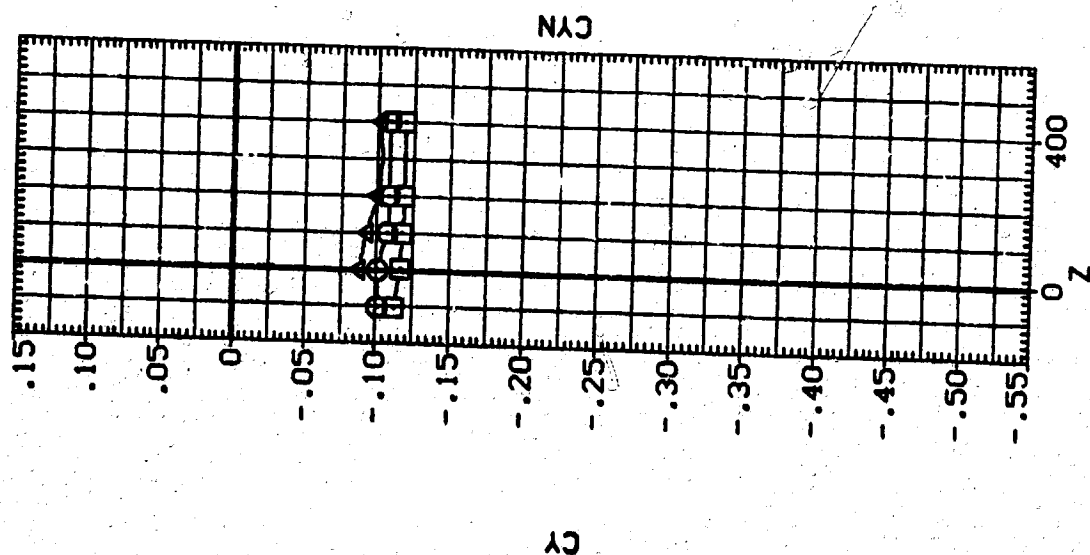


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU228) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/VET  
 (ATU229) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/VET  
 (ATU232) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/VET

DALPHA DBETA X MACH REFERENCE INFORMATION  
 .200 -.100 300.000 4.520 SREF 2690.0000 SO.FT.  
 5.200 -.100 300.000 4.520 LREF 1290.3000 INCHES  
 -4.900 -.100 300.000 4.520 BREF 1290.3000 INCHES  
 XMRP 1298.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

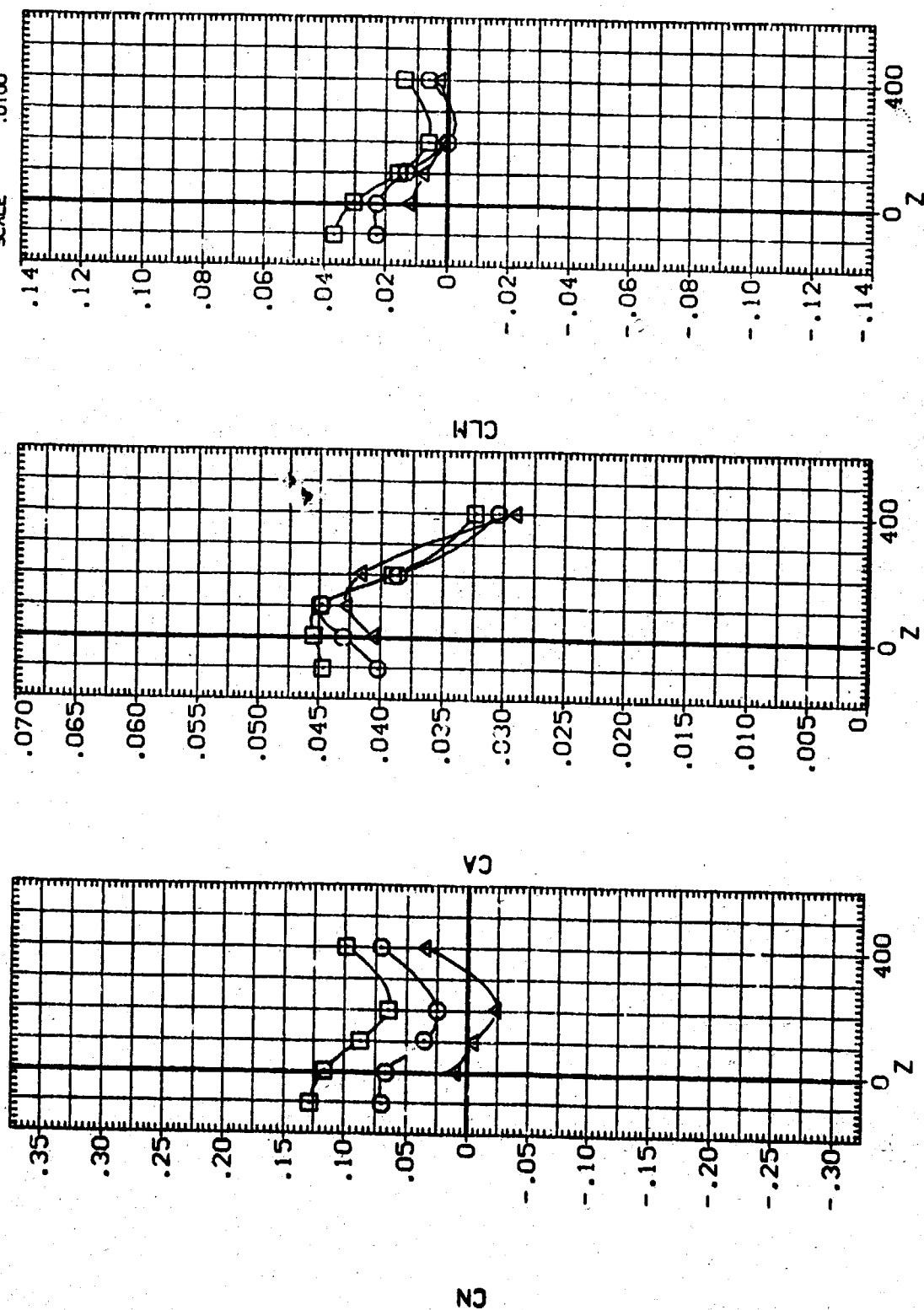


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/VET (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE INFORMATION
(ATU228)	AEDC/VAS28(1A87)-01ET1S1-R/H	.200	-.100	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU229)	AEDC/VAS28(1A87)-01ET1S1-R/H	5.200	-.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU232)	AEDC/VAS28(1A87)-01ET1S1-R/H	-4.500	-.100	300.000	4.520	BREF 1290.3000 IN. XS
						YMRP .0000 IN. YS
						ZMRP .0000 IN. ZS
						SCALE .0100

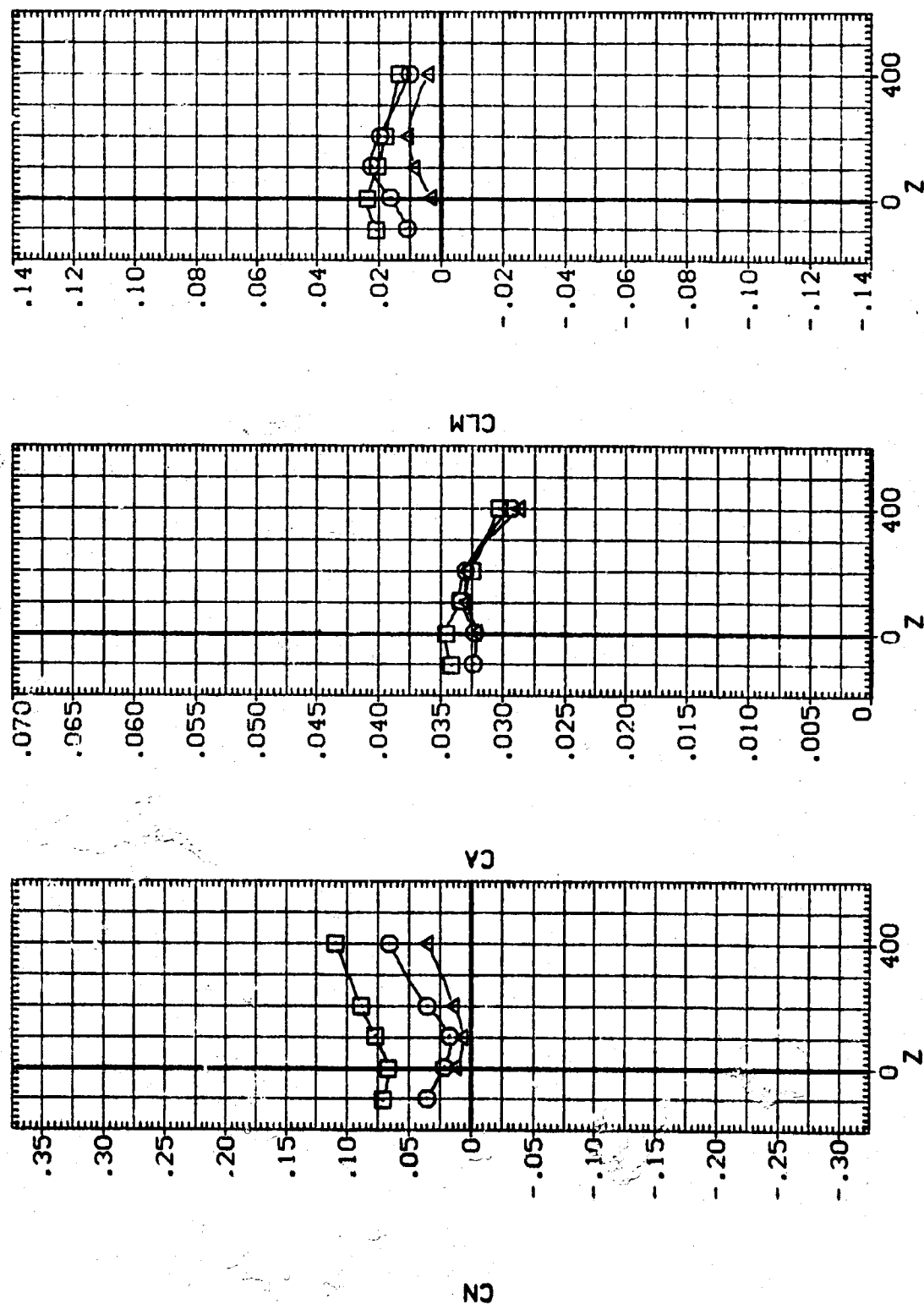


FIG.11 RIGHT SRB AERO CHARACTERISTICS FROM 0/ET (ALPHA=10.0 BETA=15.8)

(C)Y = 200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU228) AEDC/VAS28(1A87)-01ET1S1-R/H  
 (ATU229) AEDC/VAS28(1A87)-01ET1S1-R/H  
 (ATU232) AEDC/VAS28(1A87)-01ET1S1-R/H

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

DALPHA  
 .200  
 .200  
 -1.800

DBETA  
 -1.00  
 -1.00  
 -1.00

X  
 300.000  
 300.000  
 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 XMRP 1290.3000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

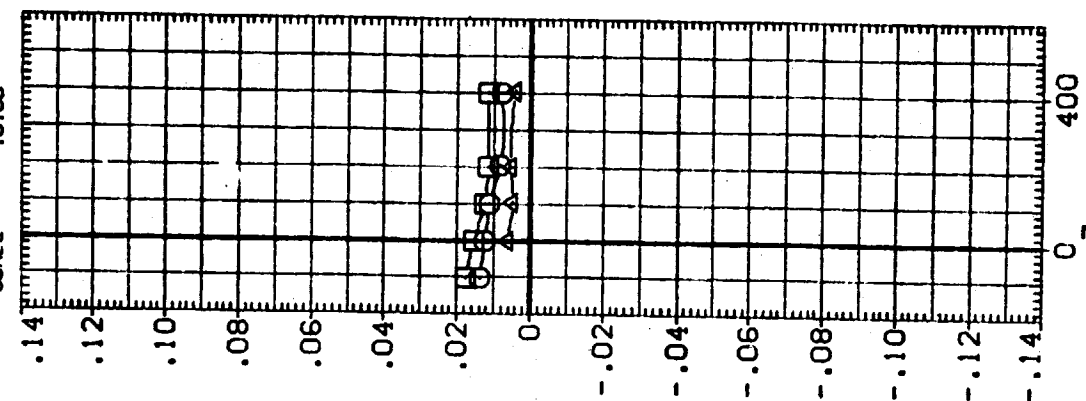
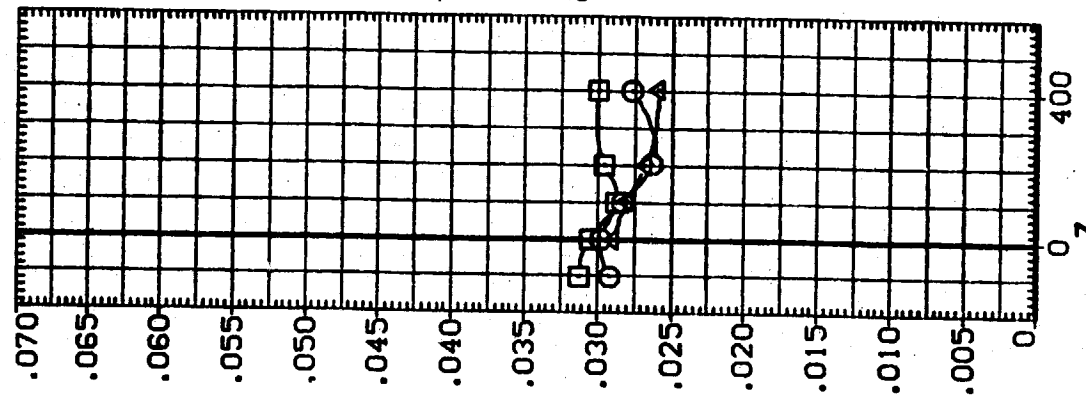
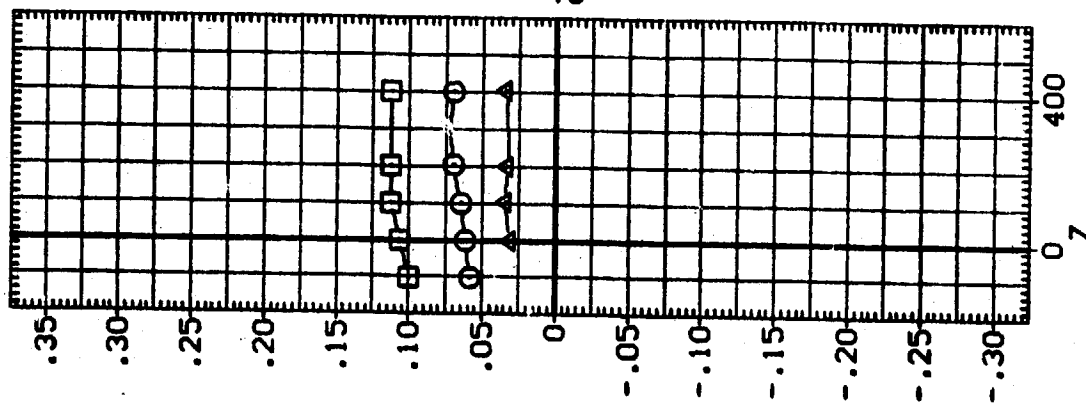


FIG.11 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(C)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU228)	AECC/VAS28(1A87)-O1ET1S1-R/H	SRB	.200	-.100	300.000	4.520	SREF 263.0000 50.FT.
(ATU229)	AECC/VAS28(1A87)-O1ET1S1-R/H	SRB	5.200	-.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU232)	AECC/VAS28(1A87)-O1ET1S1-R/H	SRB	-4.500	-.100	300.000	4.520	SRREF 1290.3000 INCHES
							YMRP 1258.5000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

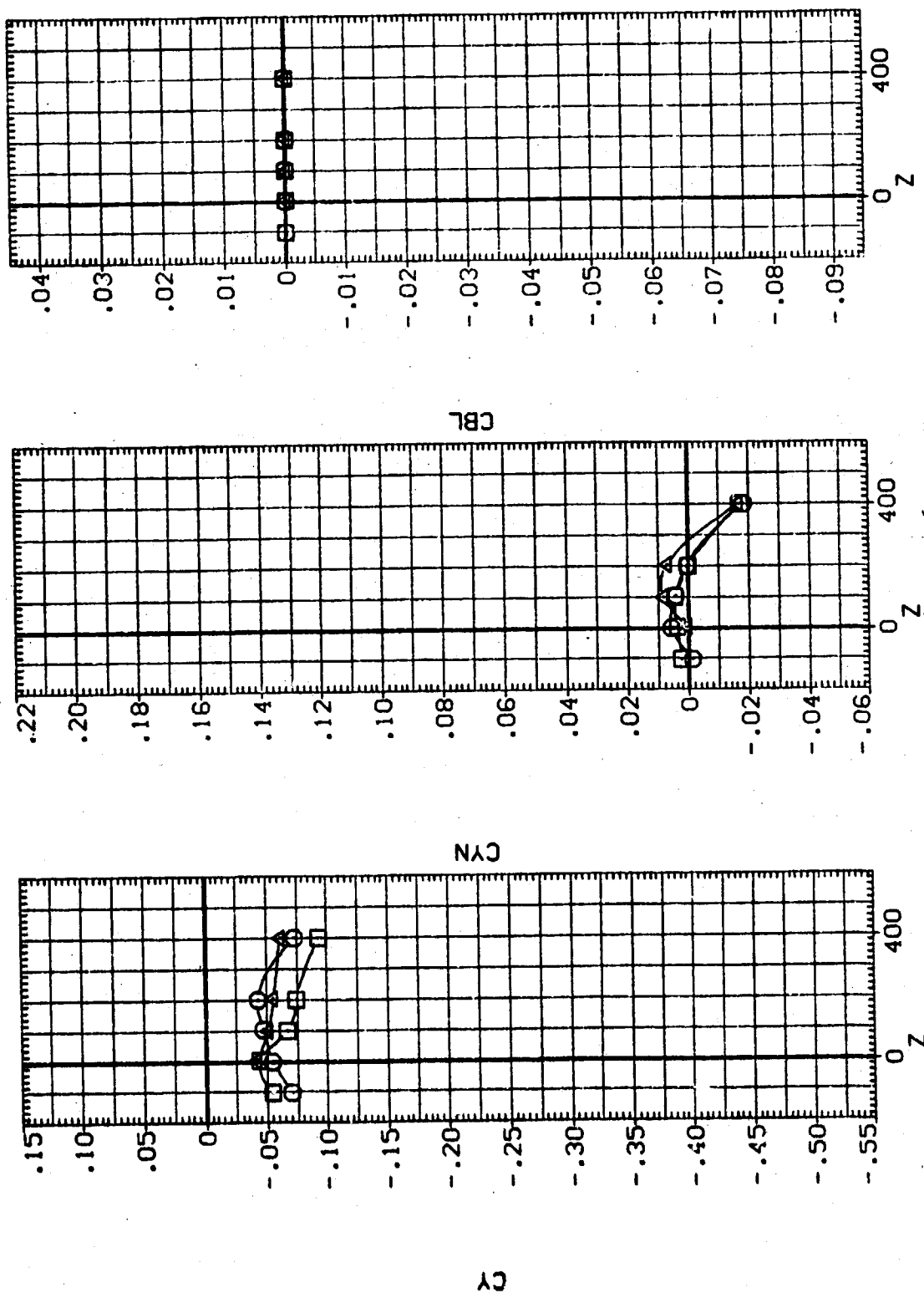


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00

DATA SET SYMBOL  
(ATU228)  
(ATU228)  
(ATU228)

CONFIGURATION DESCRIPTION  
AEDC/VAS281 (A87) - 01ETISI-R/H  
AEDC/VAS281 (A87) - 01ETISI-R/H  
AEDC/VAS281 (A87) - 01ETISI-R/H

SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET

DELTA ALPHA  
DELTA ALPHA  
DELTA ALPHA

BETA  
BETA  
BETA

X  
X  
X

MACH  
MACH  
MACH

REFERENCE INFORMATION  
SREF 2650.0000 SQ. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. YS  
ZMRP 400.0000 IN. YS  
SCALE 400.0000 IN. ZS

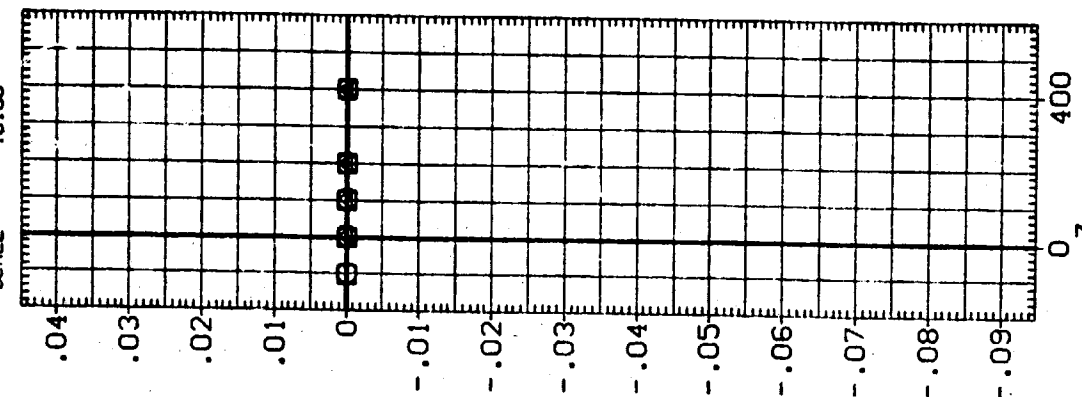
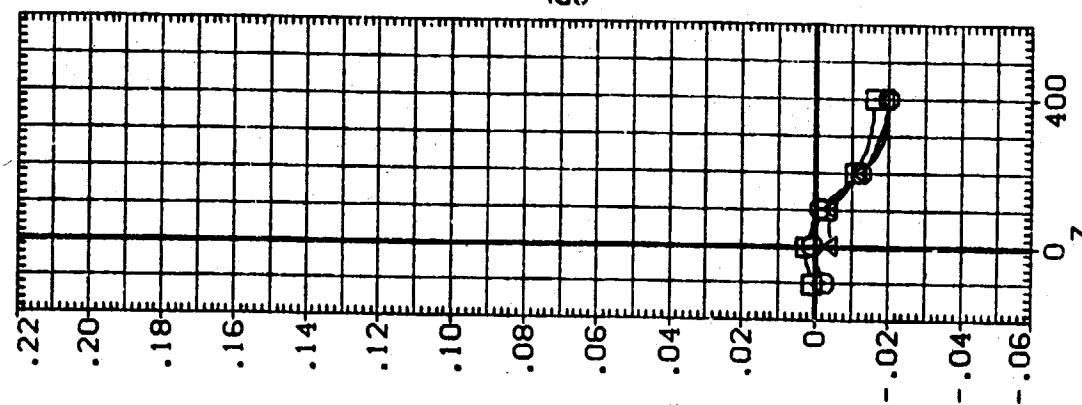
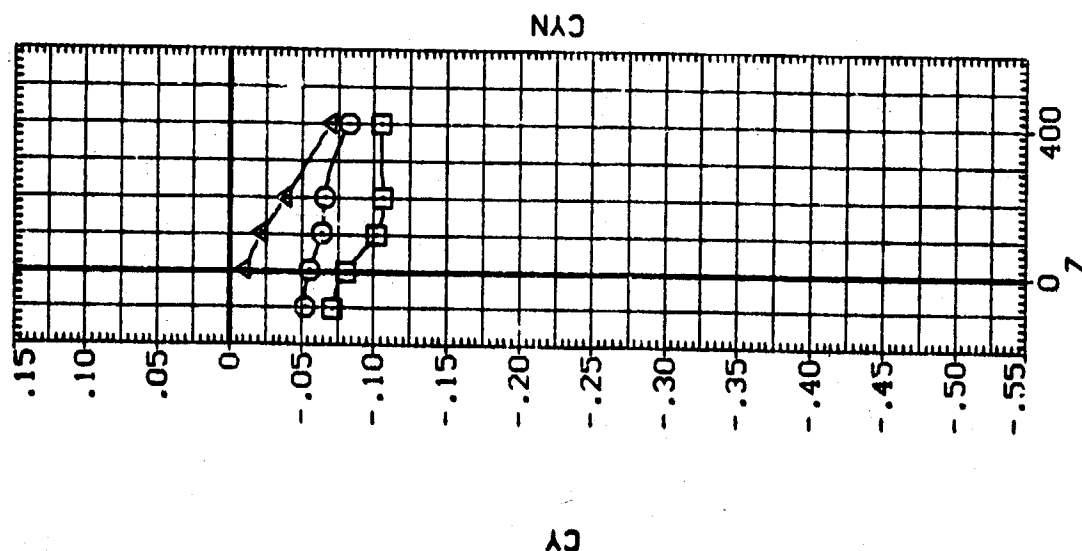


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=10.0 BETA=15.8)  
(B)Y = 100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATUZZ28) AEDC/VAS28(1A87)-01ET1S1-R/H SRB  
 (ATUZZ29) AEDC/VAS28(1A87)-01ET1S1-R/H SRB  
 (ATUZZ32) AEDC/VAS28(1A87)-01ET1S1-R/H SRB

ALPHA DBETA X MACH  
 200 -100 300.000 4.520  
 5.200 -100 300.000 4.520  
 -4.500 -100 300.000 4.520

REFERENCE INFORMATION  
 SREF 2650.0000 SQ.FT.  
 LREF 1250.3000 INCHES  
 BREF 1250.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

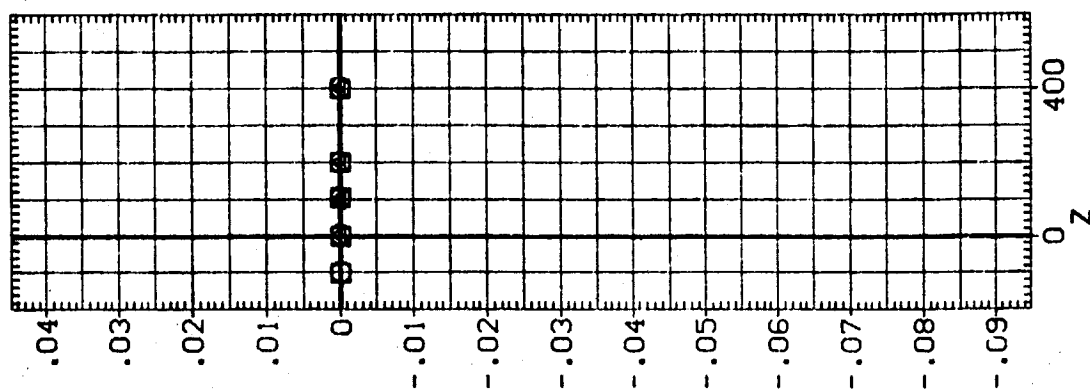
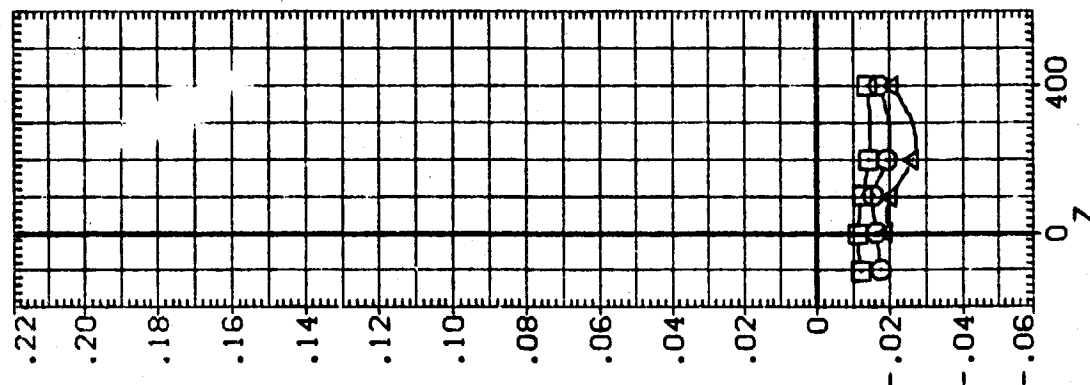
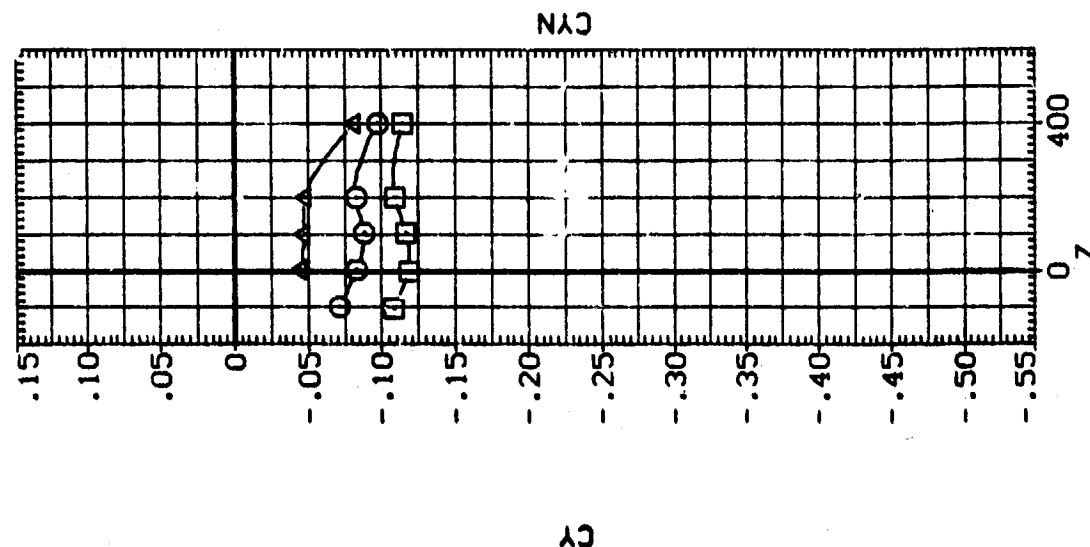


FIG.11 RIGHT SRB AERO CHARACTERISTICS FROM 0/ET (ALPHA=10.0 BETA=15.8)

(C)Y = 200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU228)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	-.100	300.000	4.520	SREF 2690.0000 50 FT.
(ATU229)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	-.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU232)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.900	-.100	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1298.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

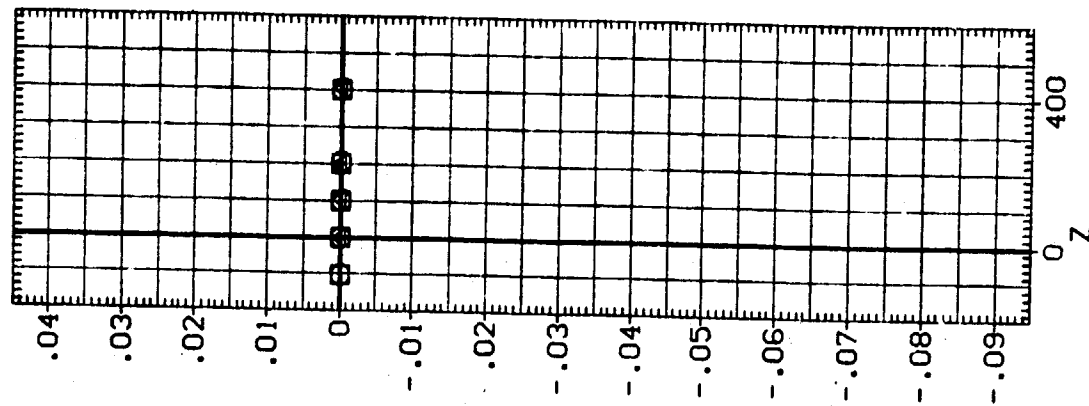
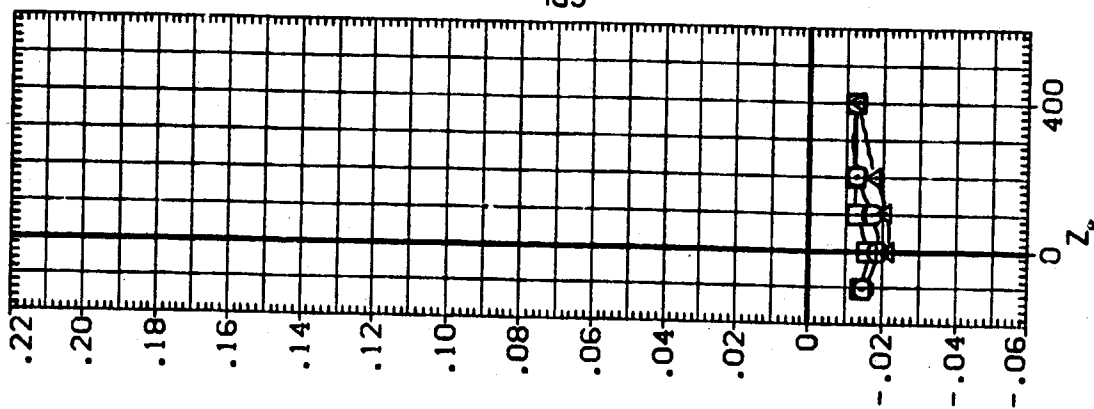
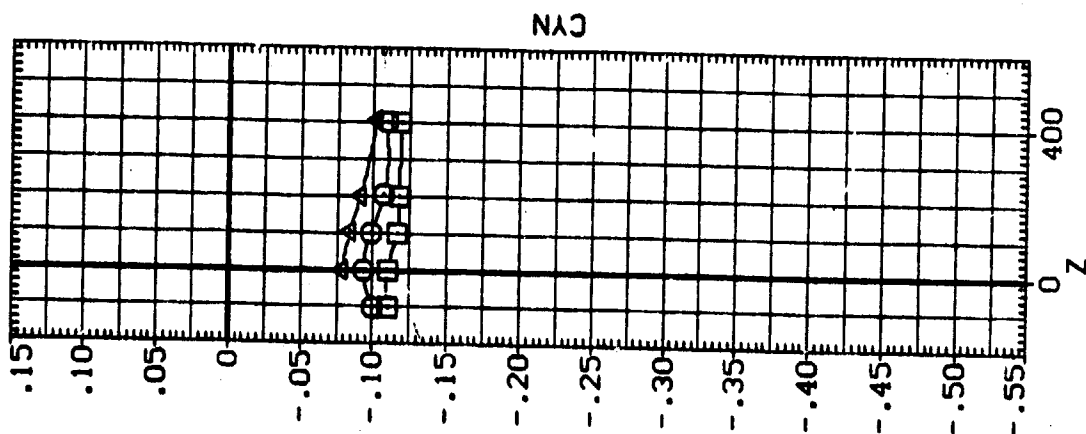


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
(D)Y = 400.00

DATA SET SYMBL	CONFIGURATION DESCRIPTION	DALPH 1	DBETA	X	MACH	REFERENCE INFORMATION
(ATU233)	AEDC/VAS28(1A87)-01ET1S1-R/H	.200	-4.100	.000	4.520	SREF 2690.0000 SO.FT.
(ATU236)	AEDC/VAS28(1A87)-01ET1S1-R/H	5.200	-4.100	.000	4.520	LREF 1290.3000 INCHES
(ATU237)	AEDC/VAS28(1A87)-01ET1S1-R/H	-4.900	-4.100	.000	4.520	BREF 1290.3000 INCHES
						YMRP 1258.5000 IN. XS
						ZMRP 0.0000 IN. YS
						SCALE 400.0000 IN. ZS

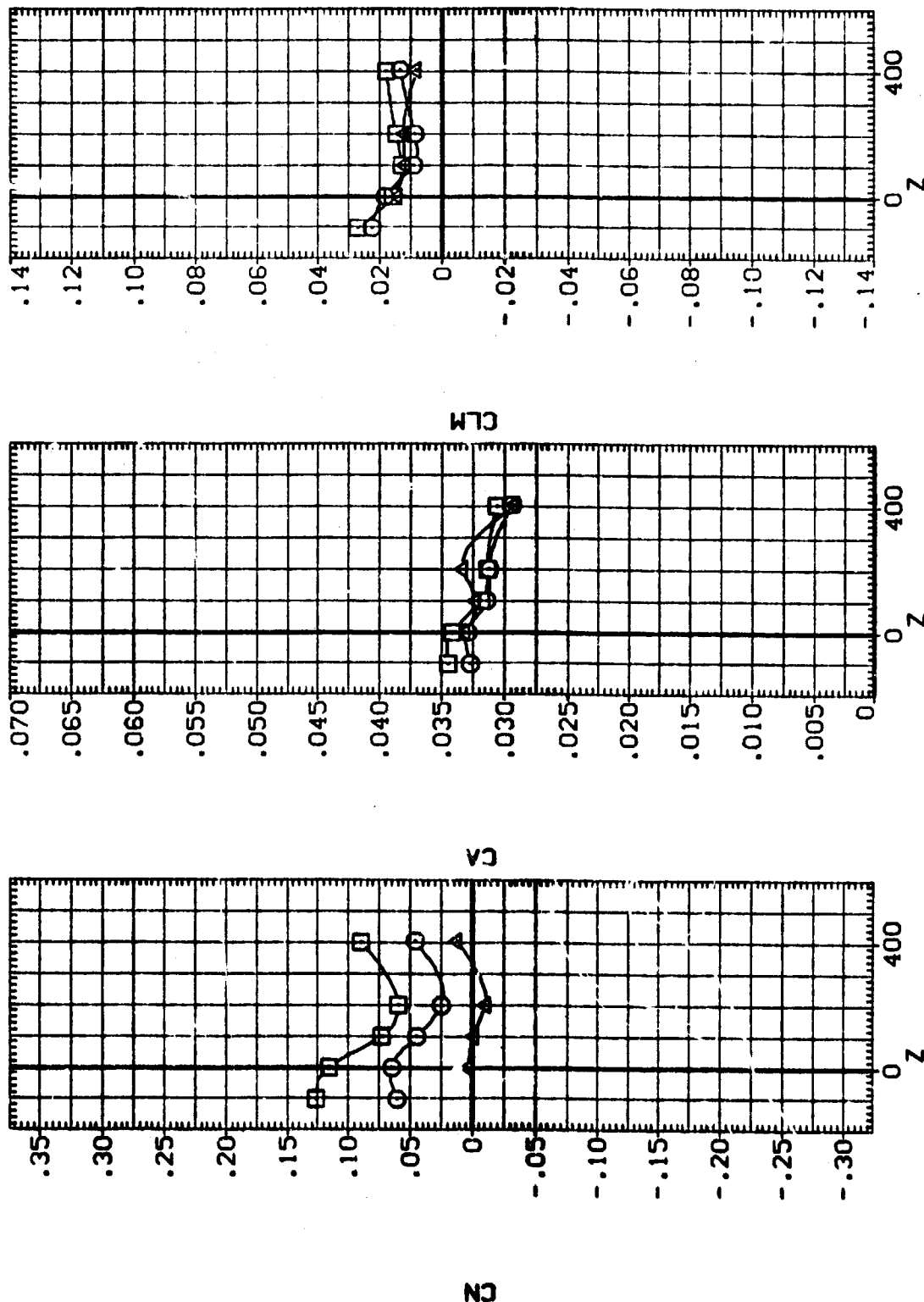


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(B) Y = 100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (A10233) AEDC/VAS28(1A87)-01ETIS1-R/H SRB  
 (A10236) AEDC/VAS28(1A87)-01ETIS1-R/H SRB  
 (A10237) AEDC/VAS28(1A87)-01ETIS1-R/H SRB

DELTA DBETA X MACH  
 .200  
 -4.100  
 .000  
 4.520  
 .000  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

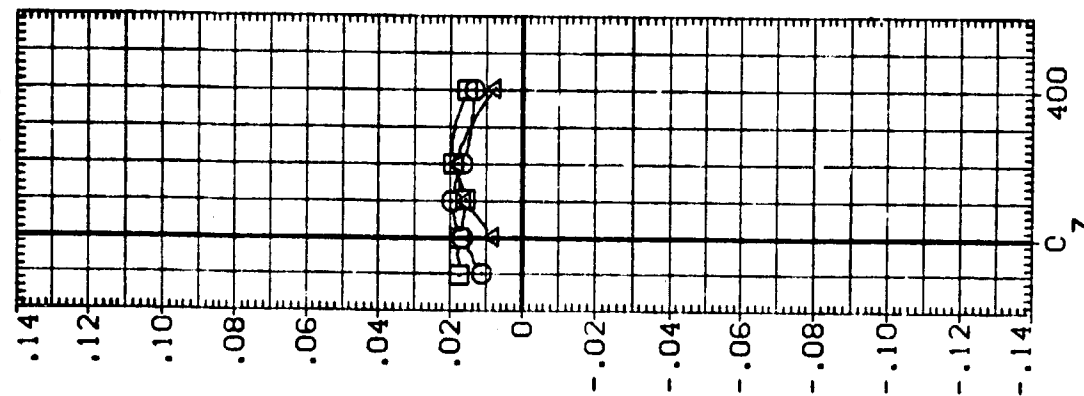
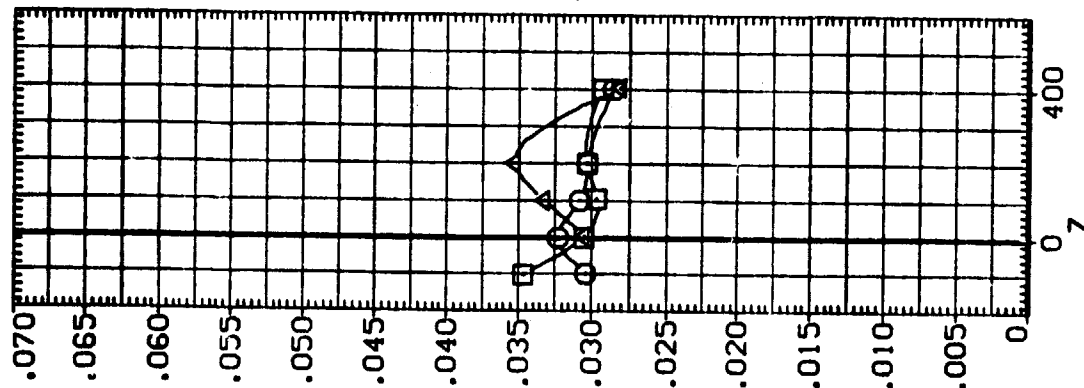
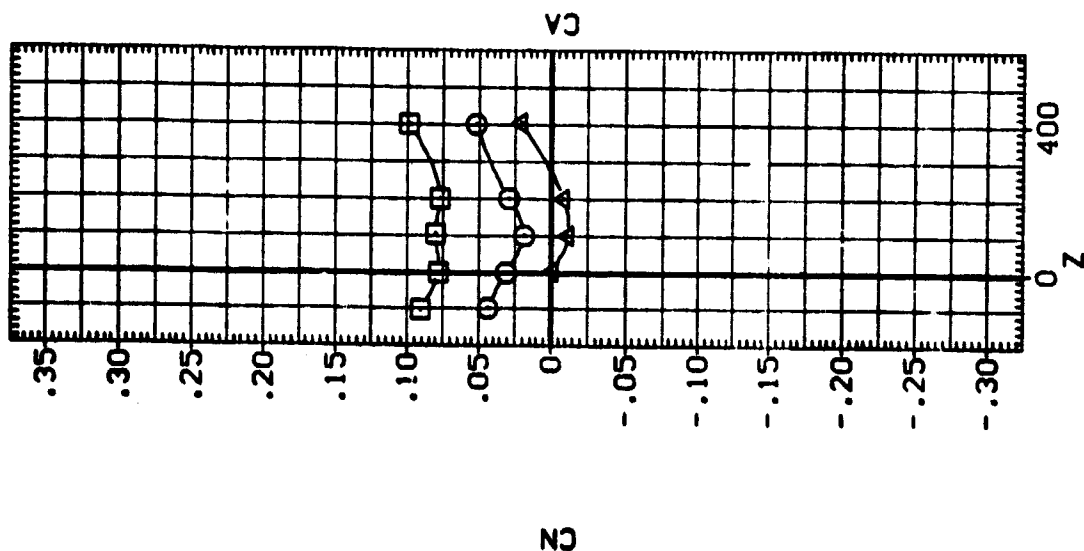


FIG.11 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=10.0 ETA=15.8)  
 (C)Y = 200.00

# DATA SET SYMBOL

(ATU233)  
(ATU236)  
(ATU237)

## CONFIGURATION DESCRIPTION

AECC/VAS28(1A87)-01ET151-R/H SRB SEPAR. FROM O/ET  
AECC/VAS20(1A87)-01ET151-R/H SRB SEPAR. FROM O/ET  
AECC/VAS28(1A87)-01ET151-R/H SRB SEPAR. FROM O/ET

## DALPHA

.200  
5.200  
-4.900

## DBETA

-4.100  
-4.100  
-4.100

## X

.000  
.000  
.000

## MACH

4.520  
4.520  
4.520

## REFERENCE INFORMATION

SREF 2650.0000 SD.FT.  
LREF 1280.3000 INCHES  
BREF 1250.3000 IN. XS  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

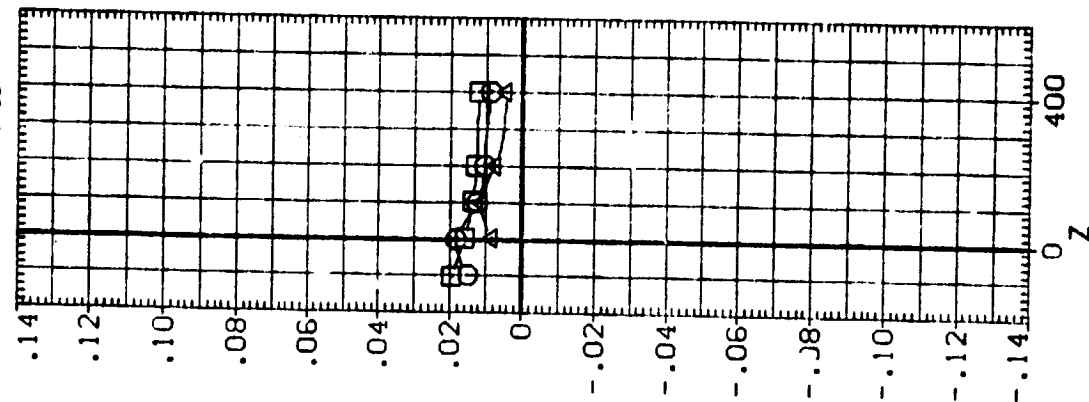
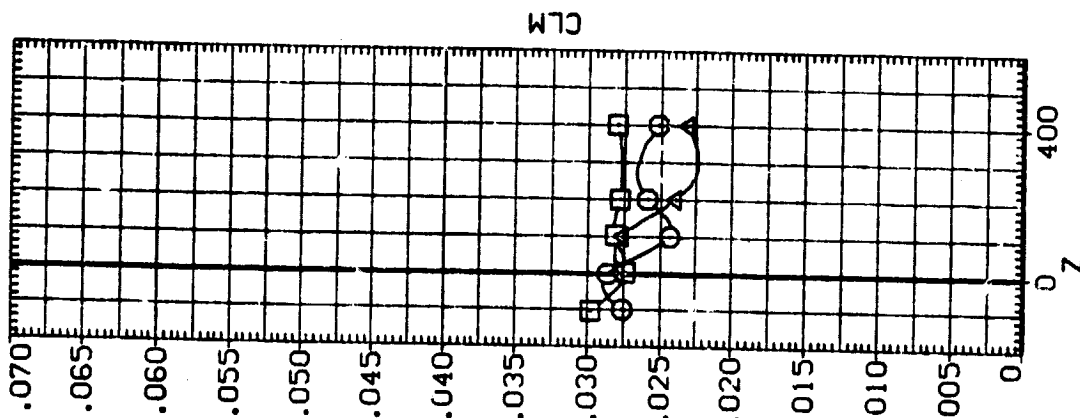
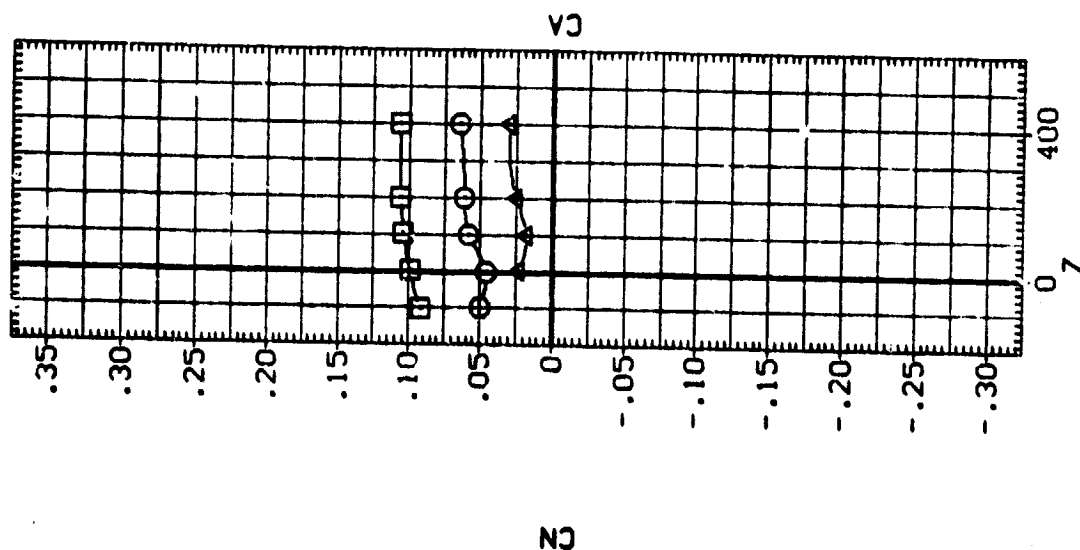


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(N)Y = 400.00



DATA SET SYMBOL  
(ATU23)  
(ATU236)  
(ATU237)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(IAB7)-01E1S1-R/H  
AEDC/VAS28(IAB7)-01E1S1-R/H  
AEDC/VAS28(IAB7)-01E1S1-R/H

SRB SEPAR. FROM O/E/T  
SRB SEPAR. FROM O/E/T  
SRB SEPAR. FROM O/E/T

DALPHA DBETA  
-200 -4.100  
5.200 -4.100  
-4.500 -4.100

X  
0.00  
0.00  
0.00

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SRF 2650.0000 SQ.FT.  
LREF 1250.3000 INCHES  
BREF 1250.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP 400.0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

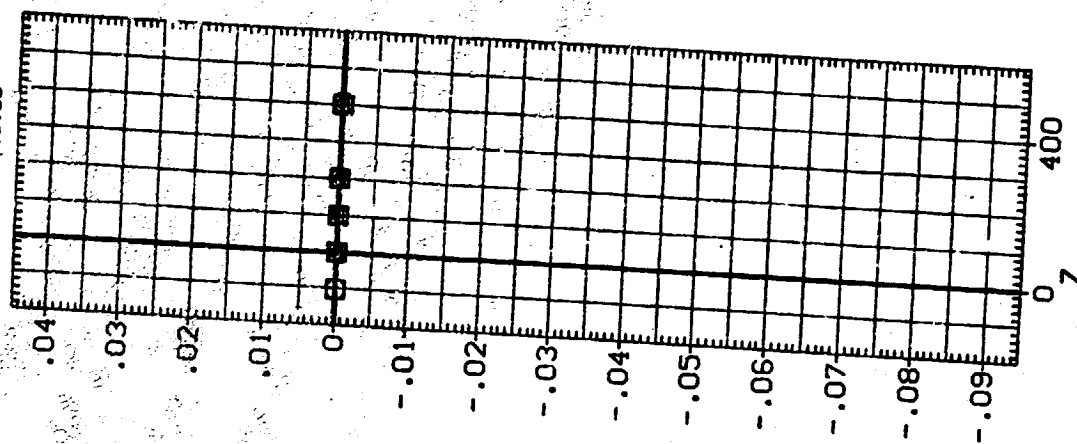
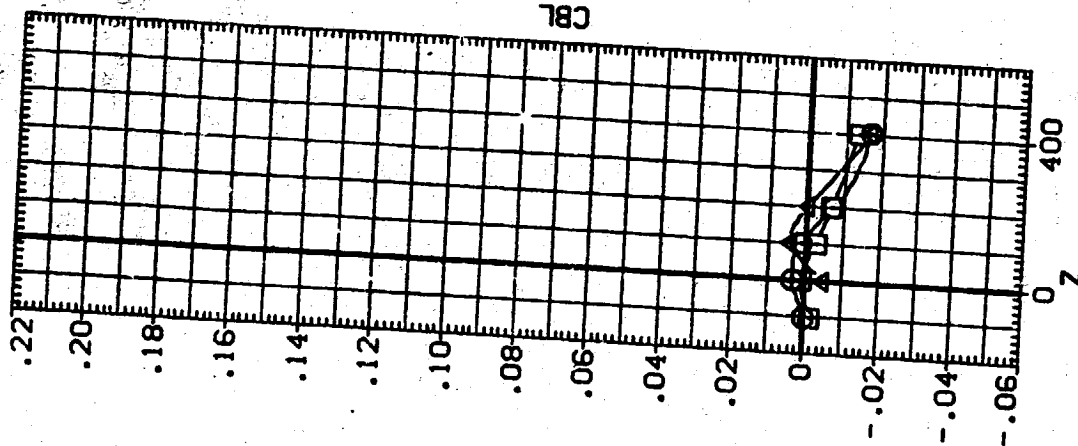
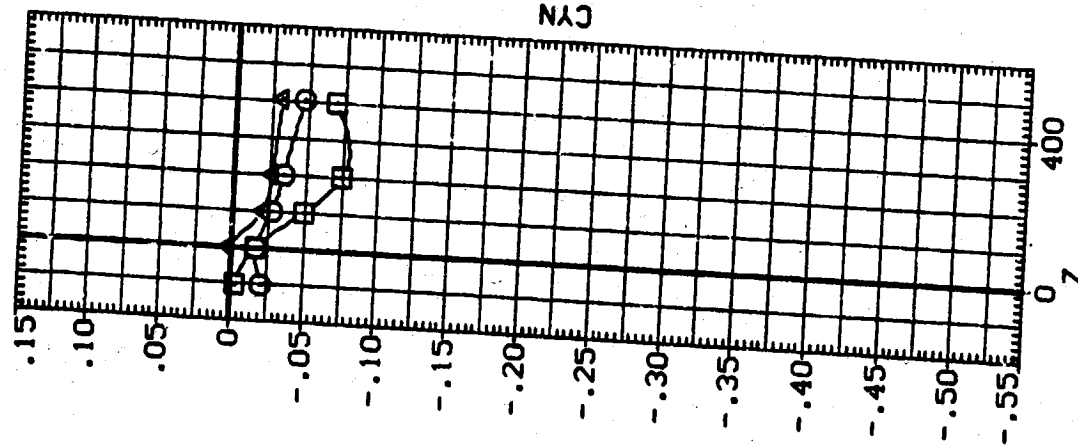


FIG.11 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/E/T (ALPHA=10.0 BETA=15.8)  
(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU233)	AEDC/AS28(1A87)-O1ET1S1-R/H	SR8	.200	-4.100	.000	4.520	SR8F 26.0 50.00
(ATU236)	AEDC/AS28(1A87)-O1ET1S1-R/H	SR8	5.200	-4.100	.000	4.520	LR8F 1250.000 INCHES
(ATU237)	AEDC/AS28(1A87)-O1ET1S1-R/H	SR8	-4.900	-4.100	.000	4.520	XR8F 1250.000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

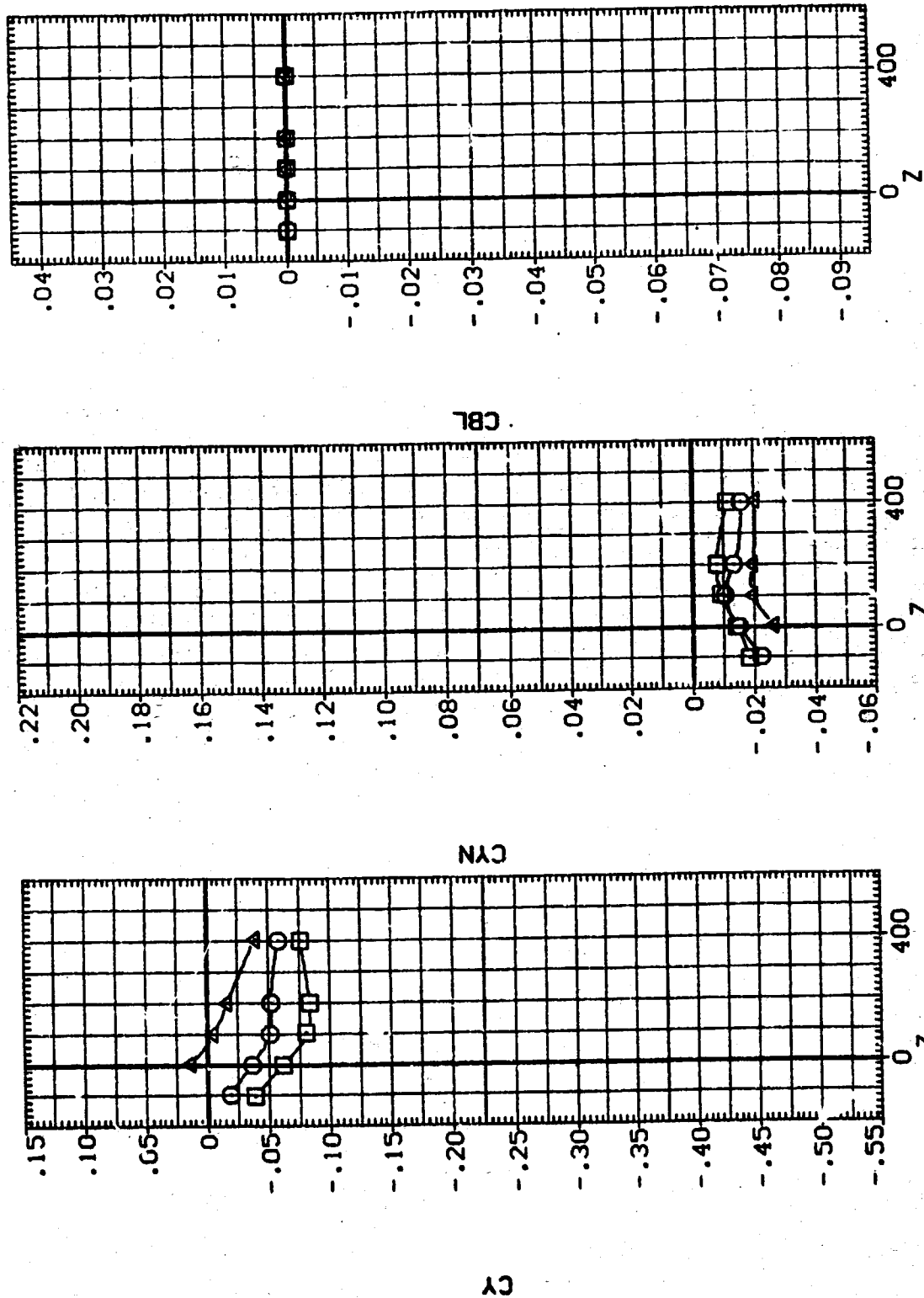


FIG.11 RIGHT SR8 AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(C)Y = 200.00

DATA SET SYMBOL

(ATU233)  
(ATU236)  
(ATU237)

CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-01ET1S1-R/H  
AEDC/VAS28(1A87)-01ET1S1-R/H  
AEDC/VAS28(1A87)-01ET1S1-R/H

S98 SEPAR. FROM O/ET  
S98 SEPAR. FROM O/ET  
S98 SEPAR. FROM O/ET

DALPHA

200  
5.200  
-4.500

DBETA

-4.100  
-4.100  
-4.100

X

.000  
.000  
.000

MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

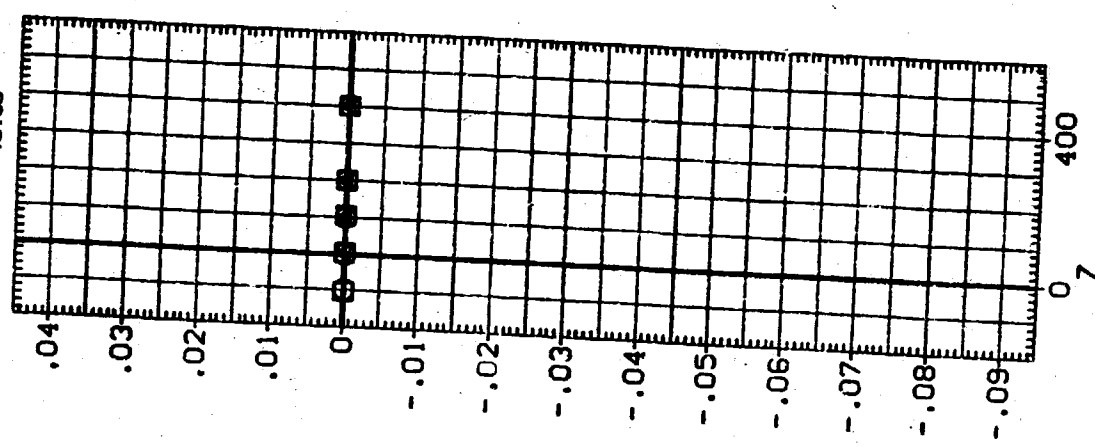
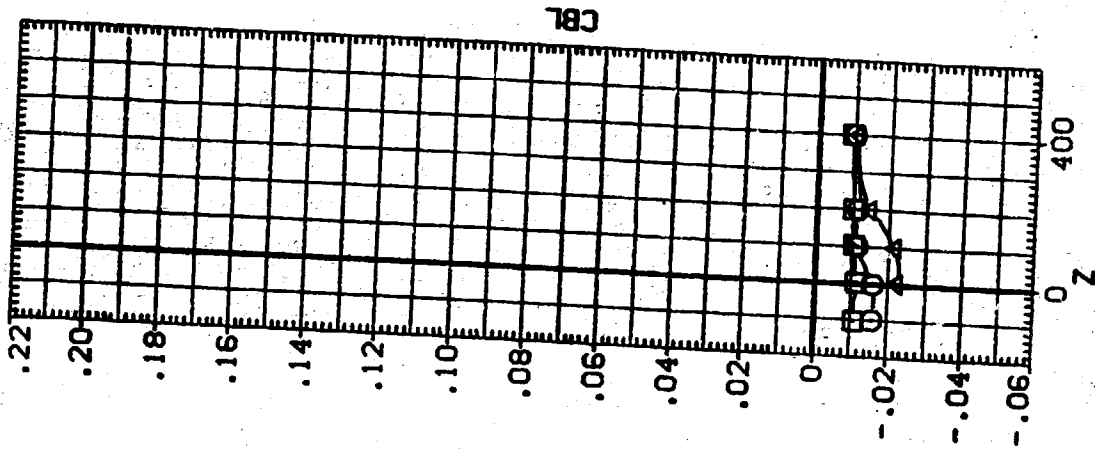
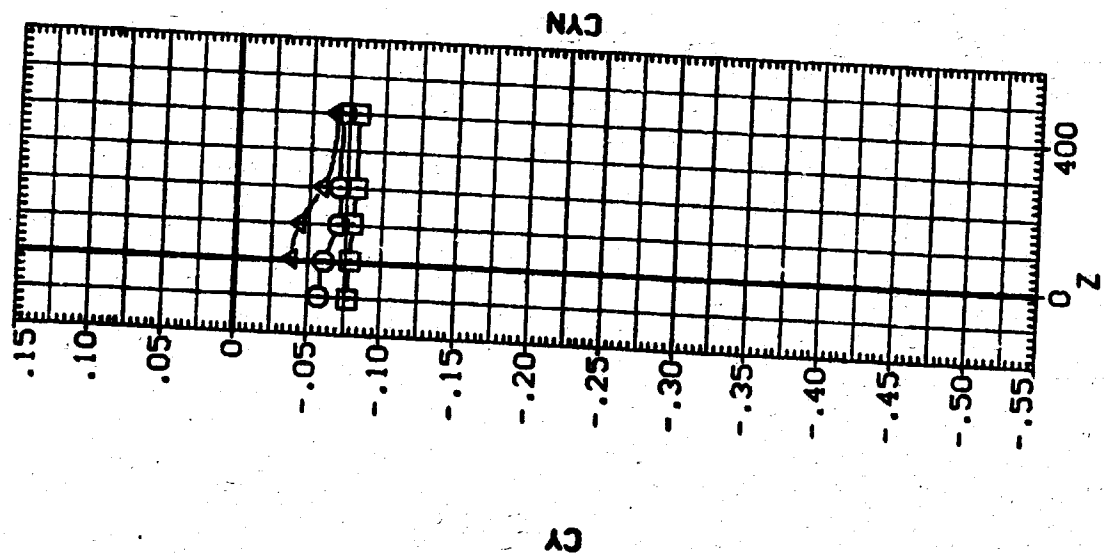


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
(O)Y = 400.00

DATA SET SYMBOL: (ATU234) (ATU235) (ATU237)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ETISI-R/H AEDC/VAS28(1A87)-01ETISI-R/H AEDC/VAS28(1A87)-01ETISI-R/H

SRB SEPAR. FROM 0/ET SRB SEPAR. FROM 0/ET SRB SEPAR. FROM 0/ET

ALPHA: 200 5.200 -4.500

BETA: -4.100 -4.100 -4.100

X: 300.000 300.000 300.000

MACH: 4.520 4.520 4.520

REFERENCE INFORMATION: SREF 2690.0000 SQ.FT. LREF 1250.3000 INCHES BREF 1250.3000 INCHES XPRP 1258.5000 IN. XS YPRP 400.0000 IN. YS ZPRP 400.0000 IN. ZS SCALE .C100

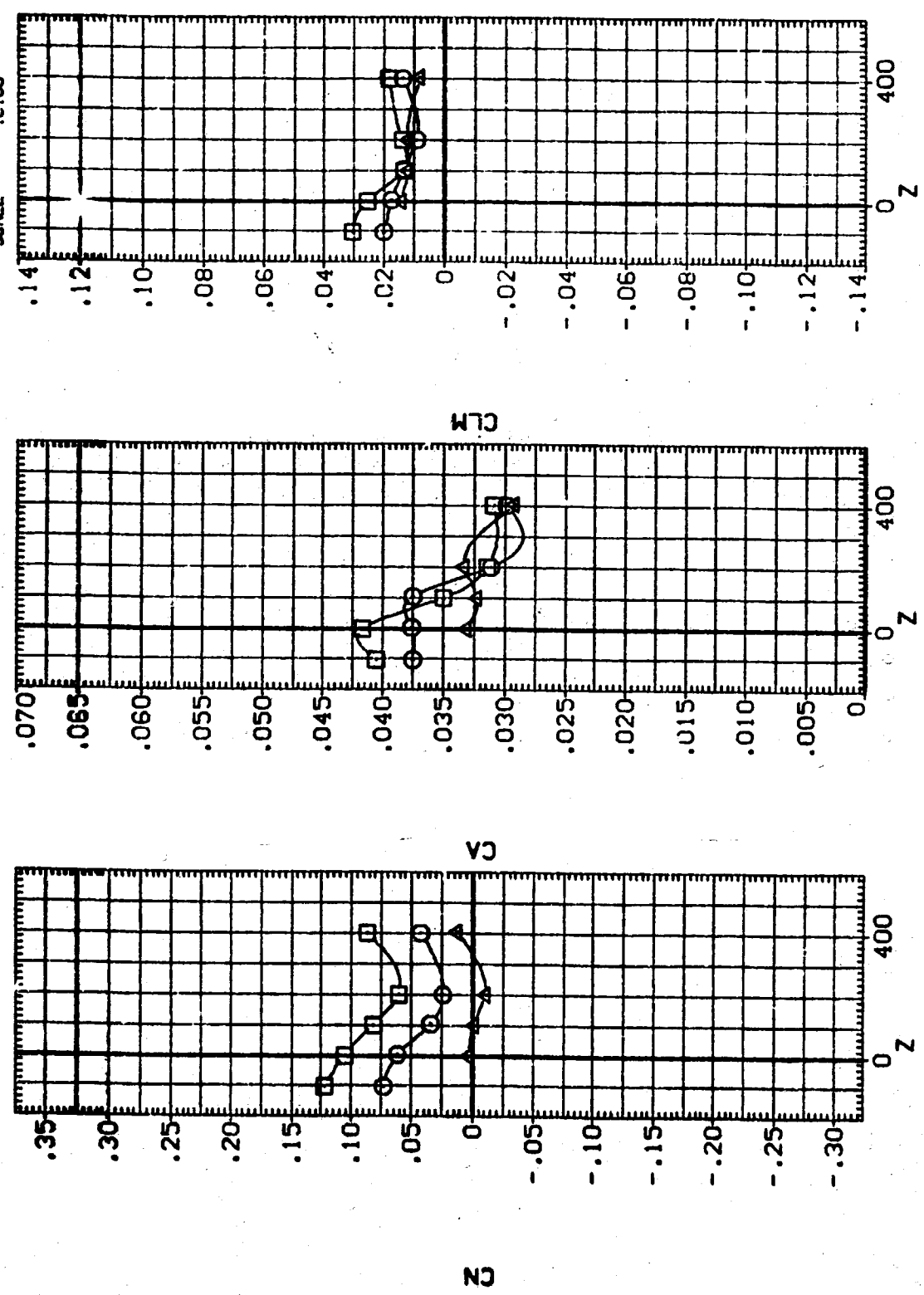


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=10.0 BETA=15.8)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/ET	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(AT0234)	AECC/VAS28(1A87)-01ET1S1-R/H	SRB	.200	-4.100	300.000	4.520	SREF 2690.0000 SO.FT.
(AT0235)	AECC/VAS28(1A87)-01ET1S1-R/H	SRB	5.200	-4.100	300.000	4.520	LREF 1290.3000 INCHES
(AT0237)	AECC/VAS28(1A87)-01ET1S1-R/H	SRB	-4.900	-4.100	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

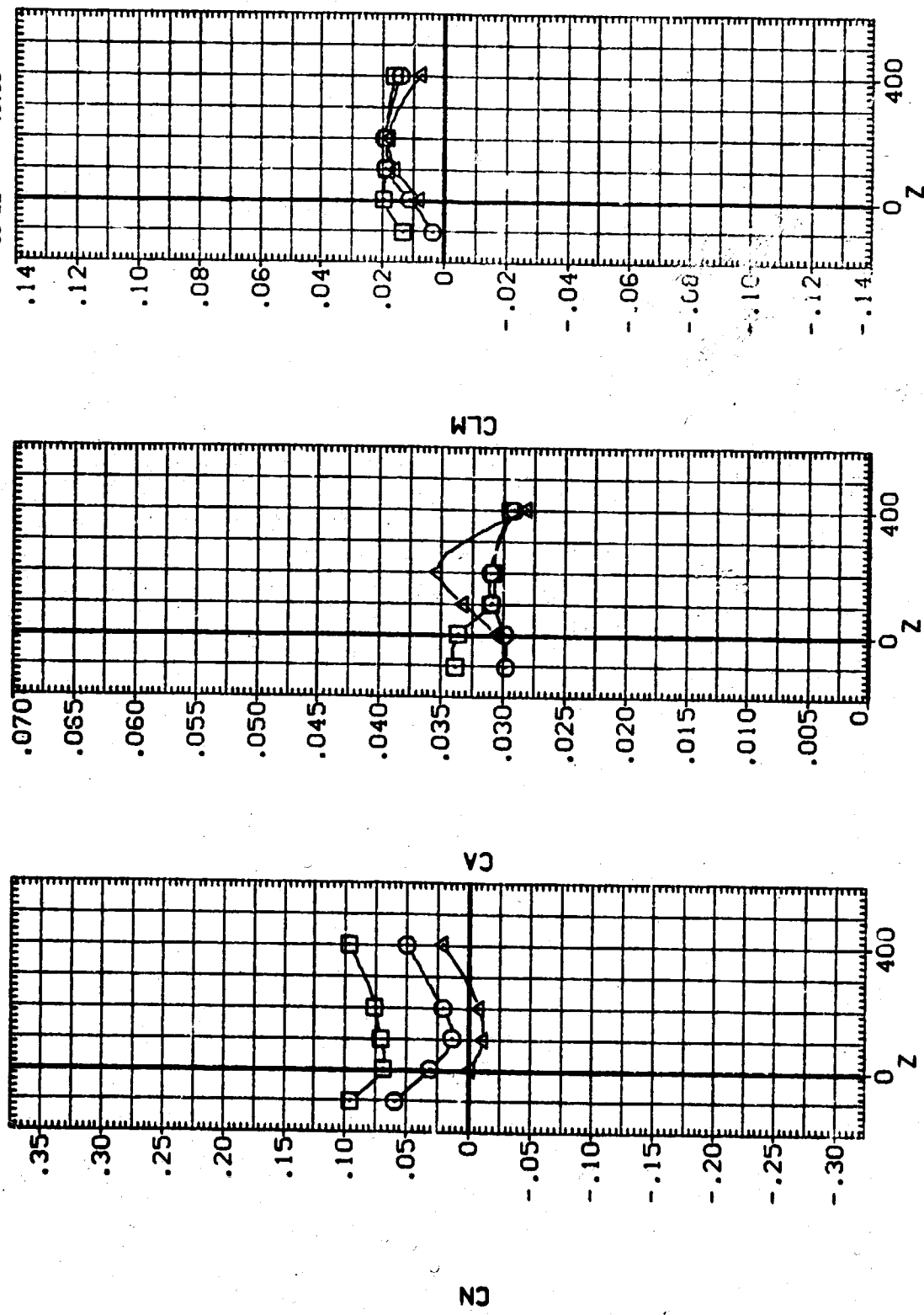


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(C)Y = 200.00



DATA SET SYMBOL    CONFIGURATION DESCRIPTION    SRB SEPAR. FROM O/E/T    D ALPHA    D BETA    X    MACH    REFERENCE INFORMATION

(ATU234)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/E/T	200	-4.100	300.000	4.520	SREF	2690.0000	50. FT.
(ATU235)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/E/T	5.200	-4.100	300.000	4.520	LREF	1290.3000	INCHES
(ATU237)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB SEPAR. FROM O/E/T	-4.500	-4.100	300.000	4.520	BREF	1290.3000	INCHES
							XPRP	1258.5000	IN. YS
							YHCO	400.0000	IN. YS
							ZHPP	400.0000	IN. ZS
							SCALE	.0100	

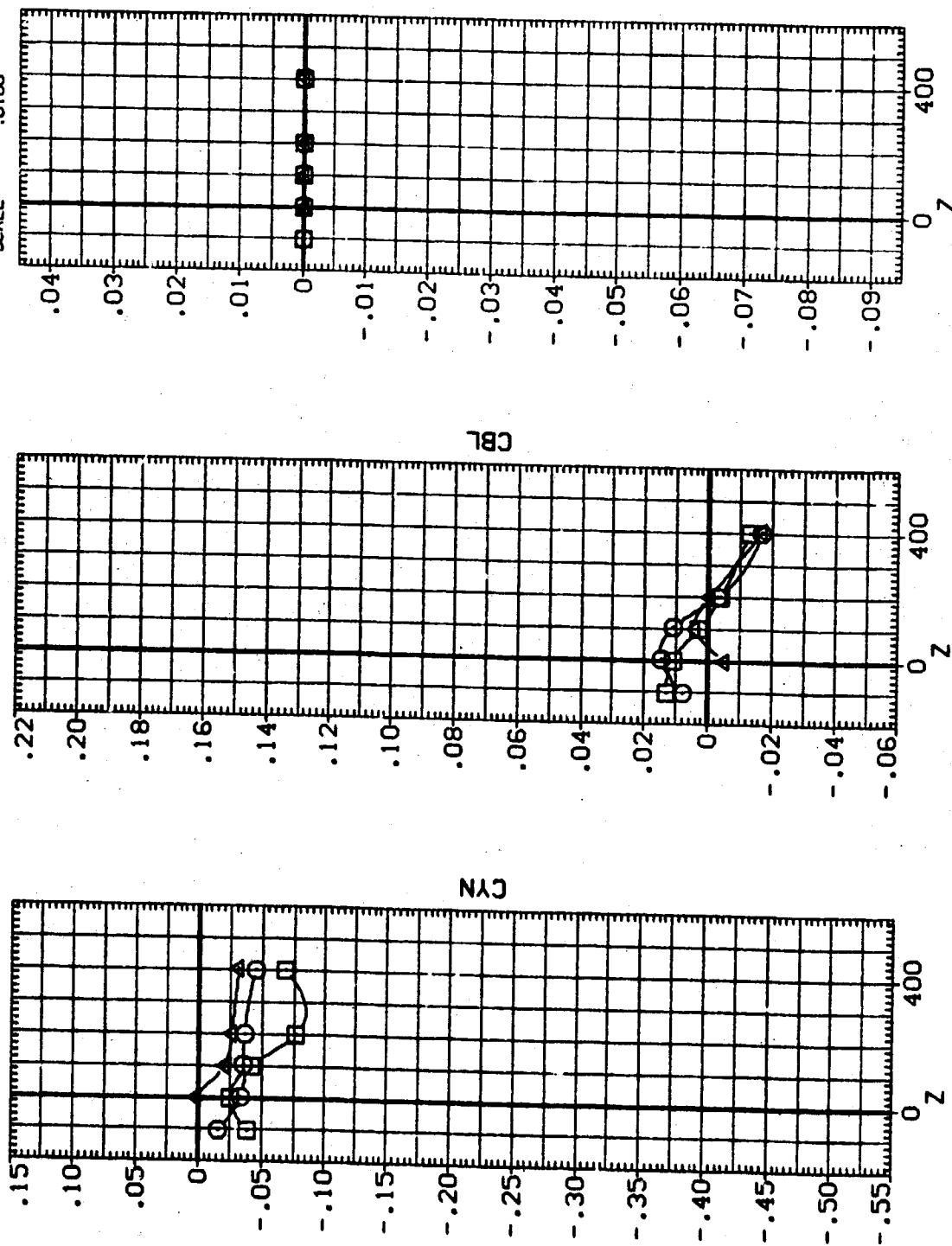


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=10.0 BETA=15.8)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU234)	AEDC/VAS28(1A87)-01ET1S1-R/H	.200	-4.100	300.000	4.520	2630.0000 SO.FT.
(ATU235)	AEDC/VAS28(1A87)-01ET1S1-R/H	5.200	-4.100	300.000	4.520	1290.3000 INCHES
(ATU237)	AEDC/VAS28(1A87)-01ET1S1-R/H	-4.900	-4.100	300.000	4.520	1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP .0000 IN. ZS
						SCALE .0100

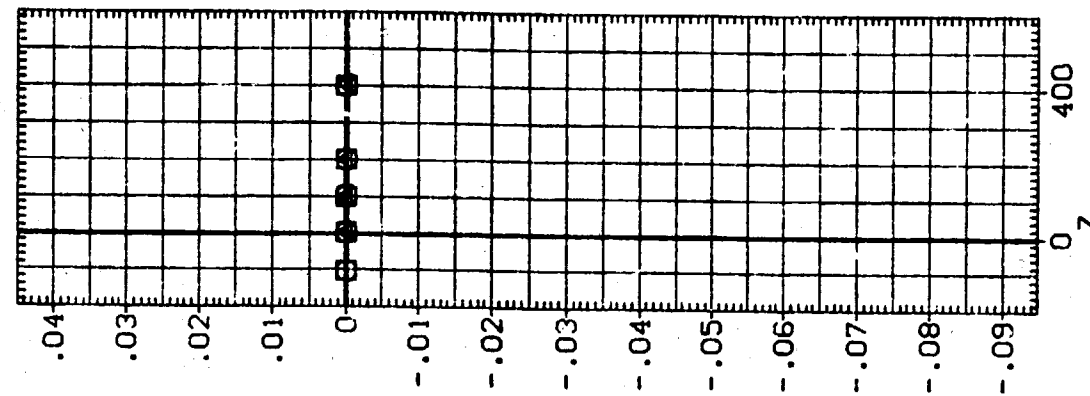
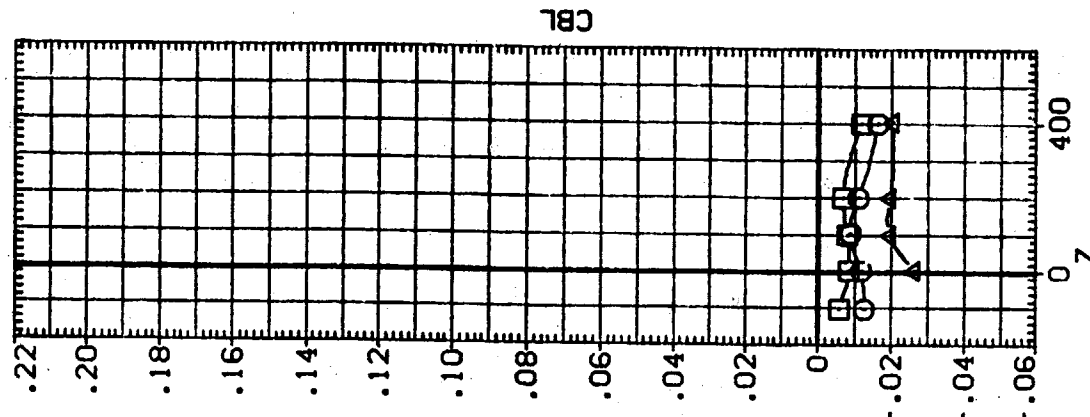
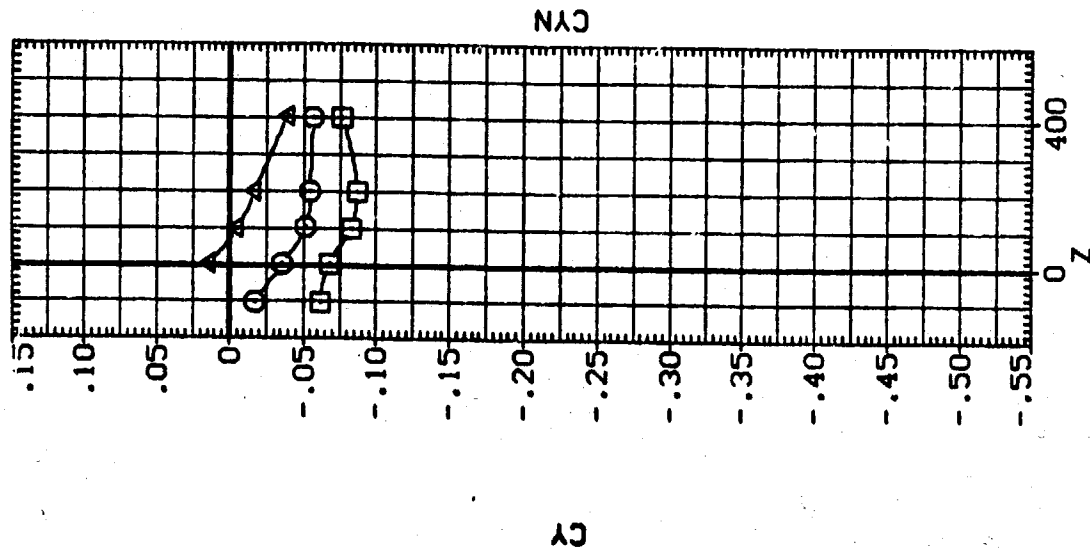


FIG.11 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(CY) = 200.00



# DATA SET SYMBOL

(ATL234)  
(ATL235)  
(ATL237)

## CONFIGURATION DESCRIPTION

AEDC/VAS281(A87)-01ETISI-R/H SR8  
AEDC/VAS281(A87)-01ETISI-R/H SR8  
AEDC/VAS281(A87)-01ETISI-R/H SR8

ALPHA DBETA X  
200 -1.100 300.000  
5.200 -4.100 300.000  
-4.900 -4.100 300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1298.5000 IN. XS  
YMRP 400.0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

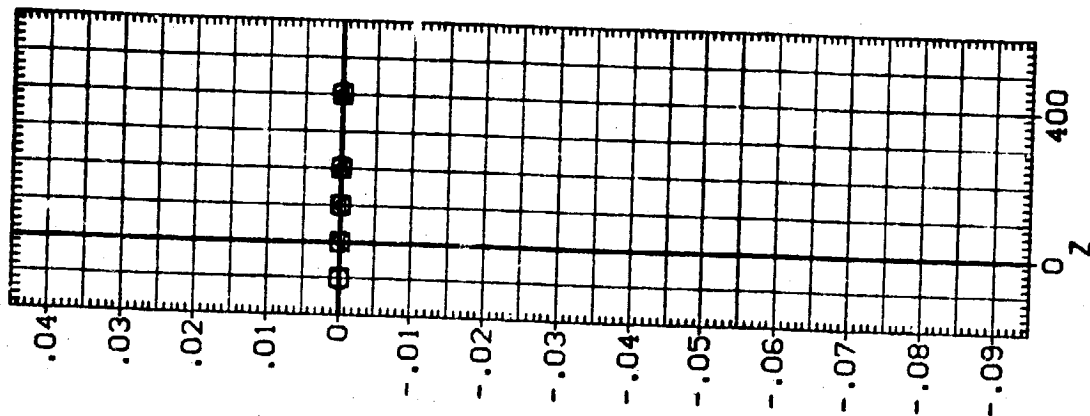
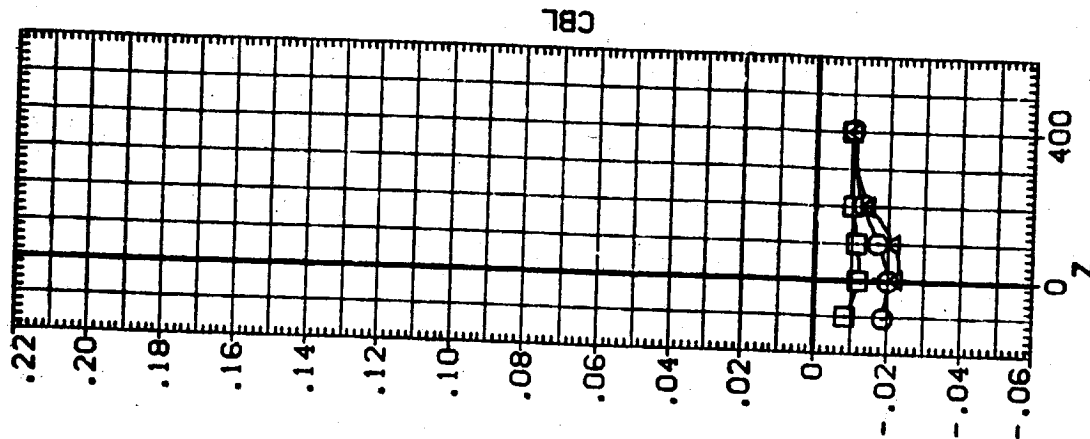
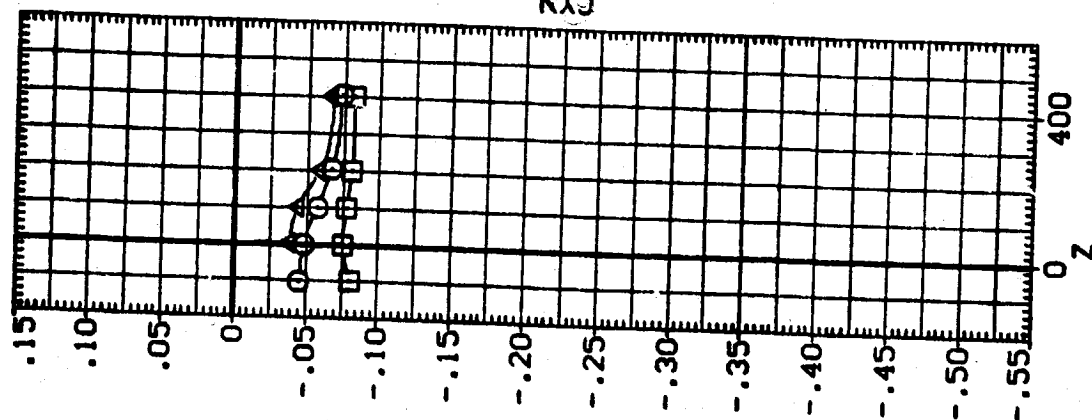


FIG.11 RIGHT SR8 AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
(O)Y = 400.00

DA ^ SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU238) A AEDC/VAS28(1A87)-01ETISI-R/H  
 (ATU242) Z AEDC/VAS28(1A87)-01ETISI-R/H  
 (ATU243) Z AEDC/VAS28(1A87)-01ETISI-R/H

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

ALPHA DBETA X MACH  
 .200 -8.100 .000 4.520  
 5.200 -8.100 .000 4.520  
 -4.500 -8.100 .000 4.520

REFERENCE INFORMATION  
 SREF 2630.0000 SQ.FT.  
 LREF 1230.3000 INCHES  
 BREF 1230.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

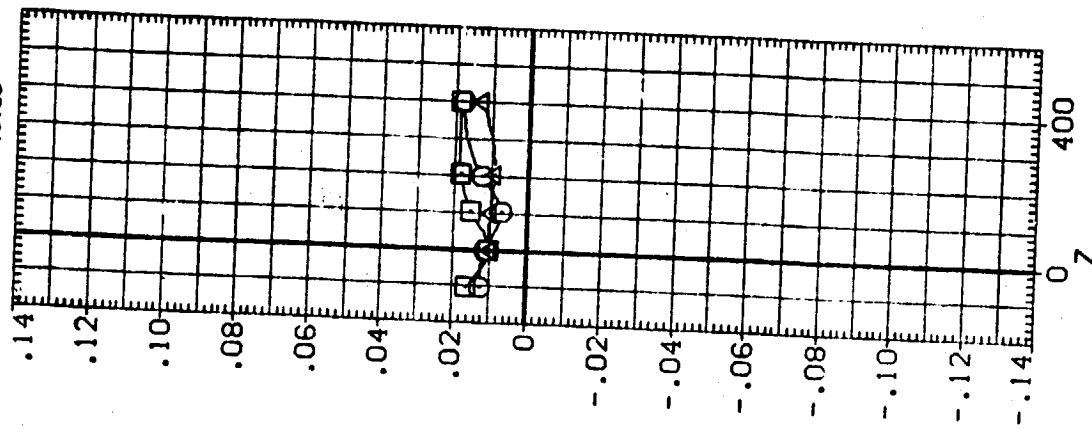
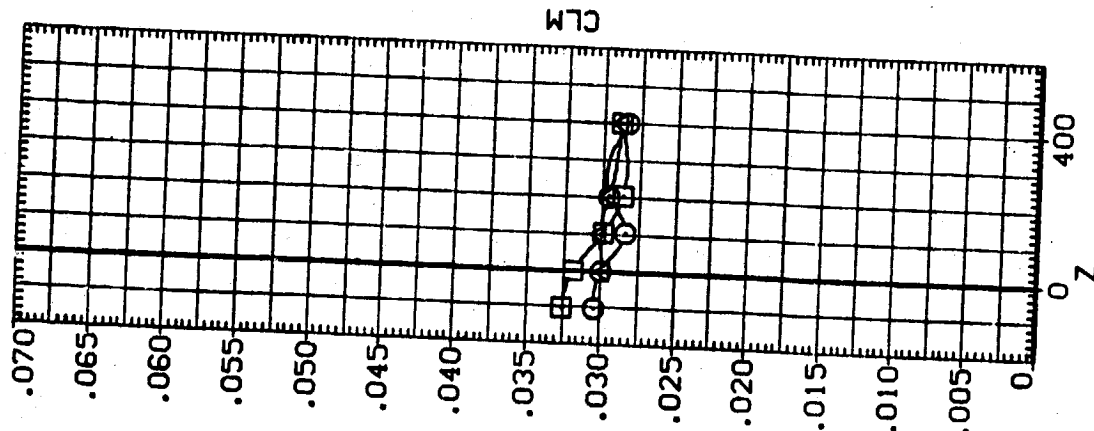
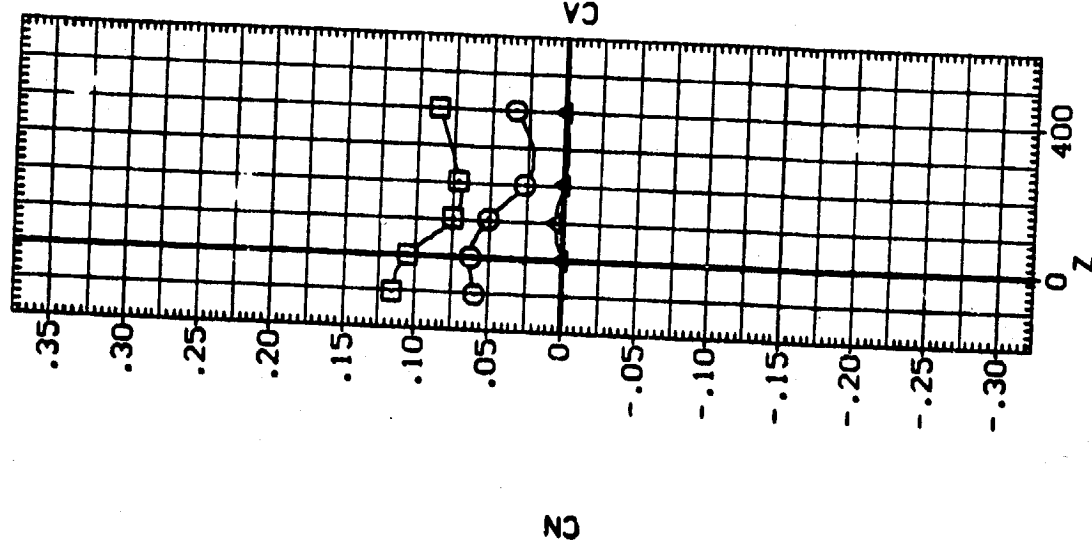


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
 (CY) = 200.00

DATA SET SYMBOL

(ATU239)  
(ATU242)  
(ATU243)

CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-01ETISI-R/H  
AEDC/VAS28(1A87)-01ETISI-R/H  
AEDC/VAS28(1A87)-01ETISI-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA DBETA  
.200 -8.100  
5.200 -8.100  
-4.900 -8.100

X  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XPRP 1258.5000 IN. XS  
YPRP 400.0000 IN. YS  
ZPRP 400.0000 IN. ZS  
SCALE .0100

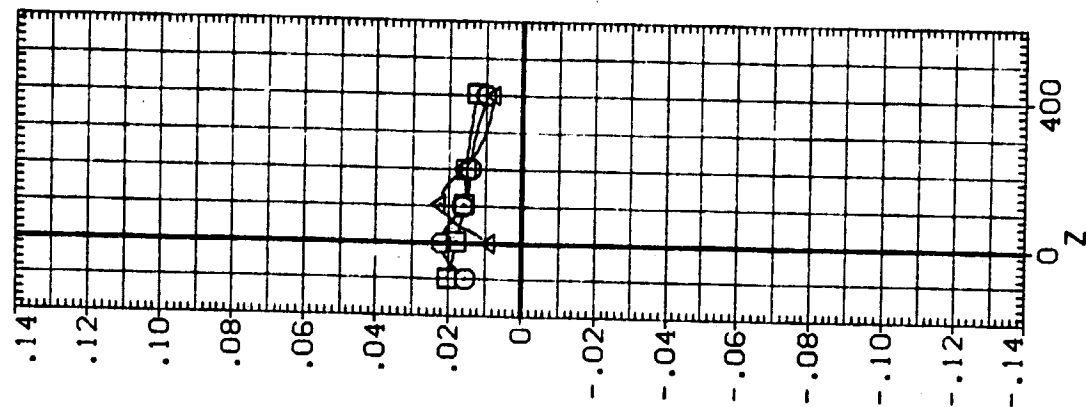
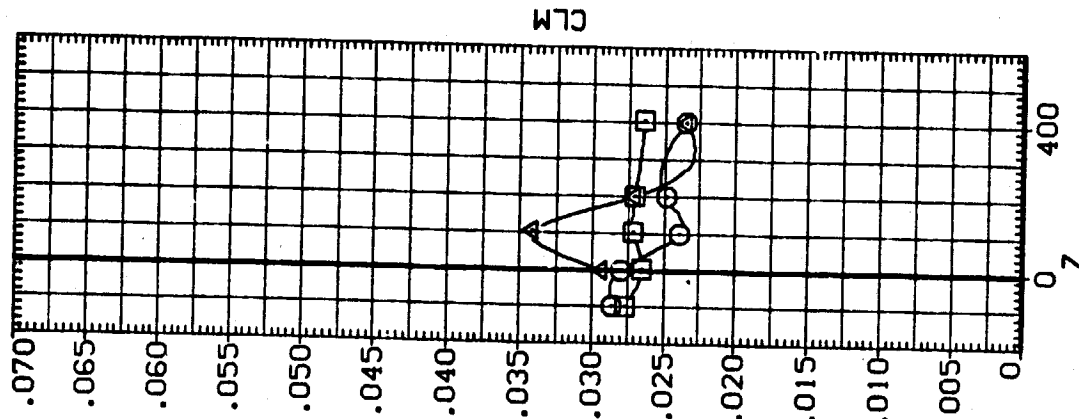
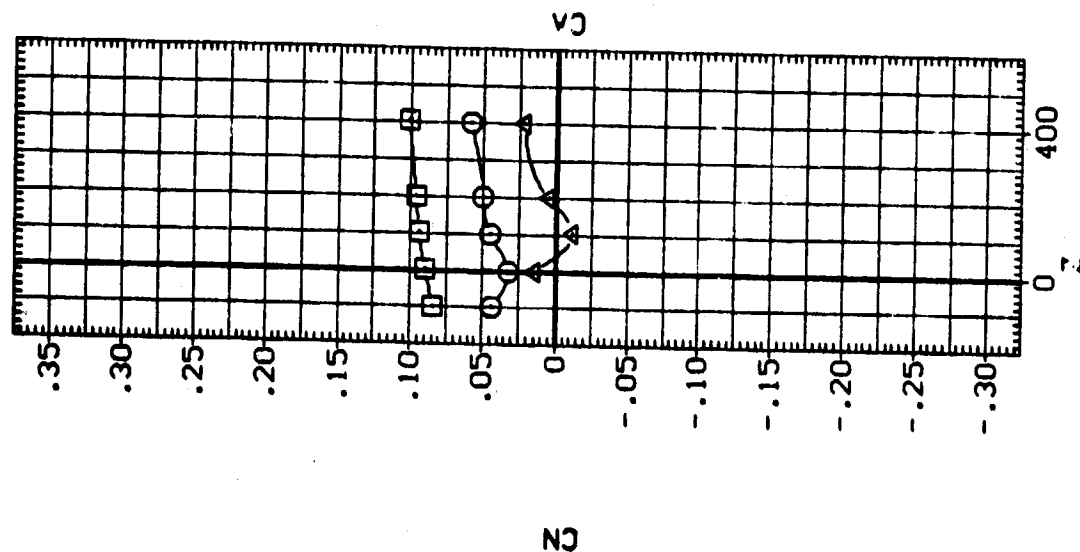


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
(D)Y = 400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU239) AEDC/VAS28(1A87)-O1ETISI-R/H  
 (ATU242) AEDC/VAS28(1A87)-O1ETISI-R/H  
 (ATU243) AEDC/VAS28(1A87)-O1ETISI-R/H

SRB SEPAR. FROM O/ET SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET SRB SEPAR. FROM O/ET  
 ALPHA DBETA X MACH REFERENCE INFORMATION  
 .200 -8.100 .000 4.520 SREF 2650.0000 50.FT.  
 5.200 -8.100 .000 4.520 LREF 1290.3000 INCHES  
 -4.900 -8.100 .000 4.520 BREF 1290.3000 INCHES  
 XPRP 1258.5000 IN. XS  
 YPRP 400.0000 IN. YS  
 ZPRP 400.0000 IN. ZS  
 SCALE .0100

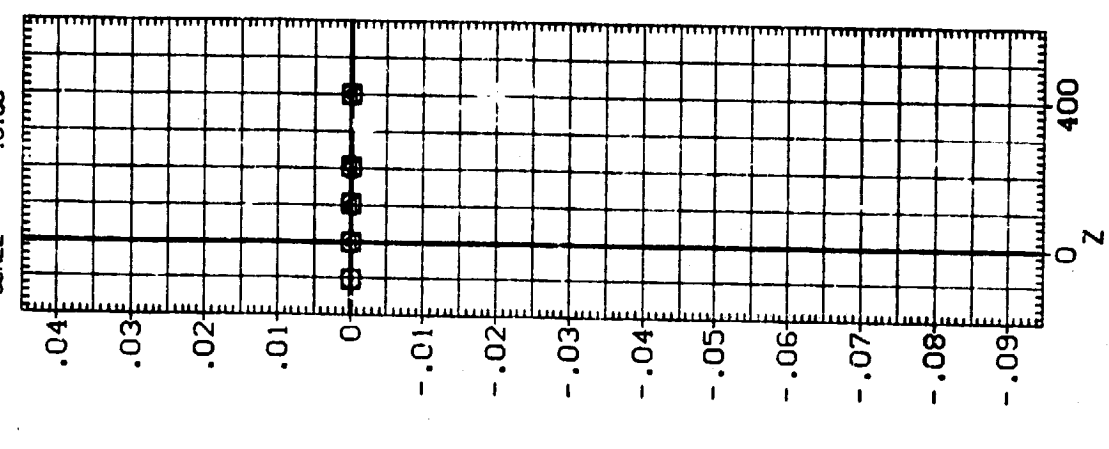
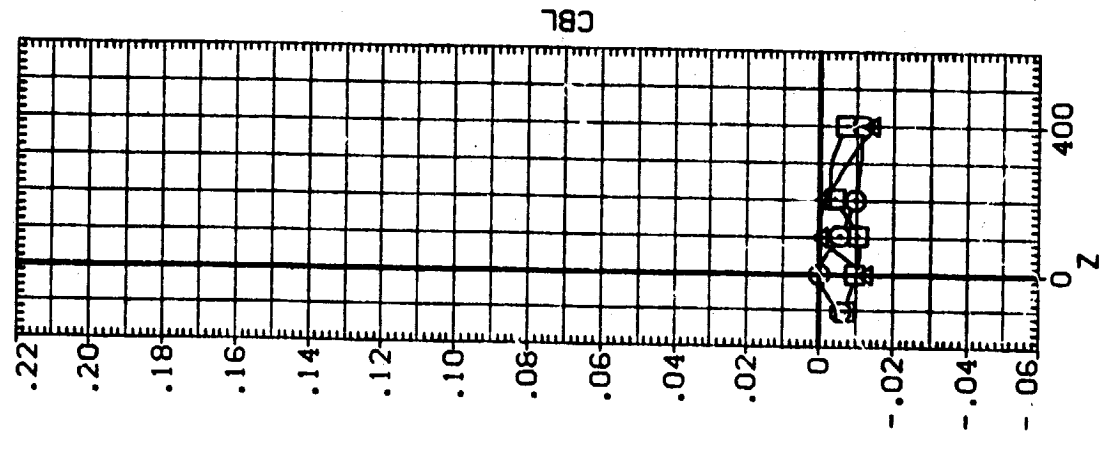
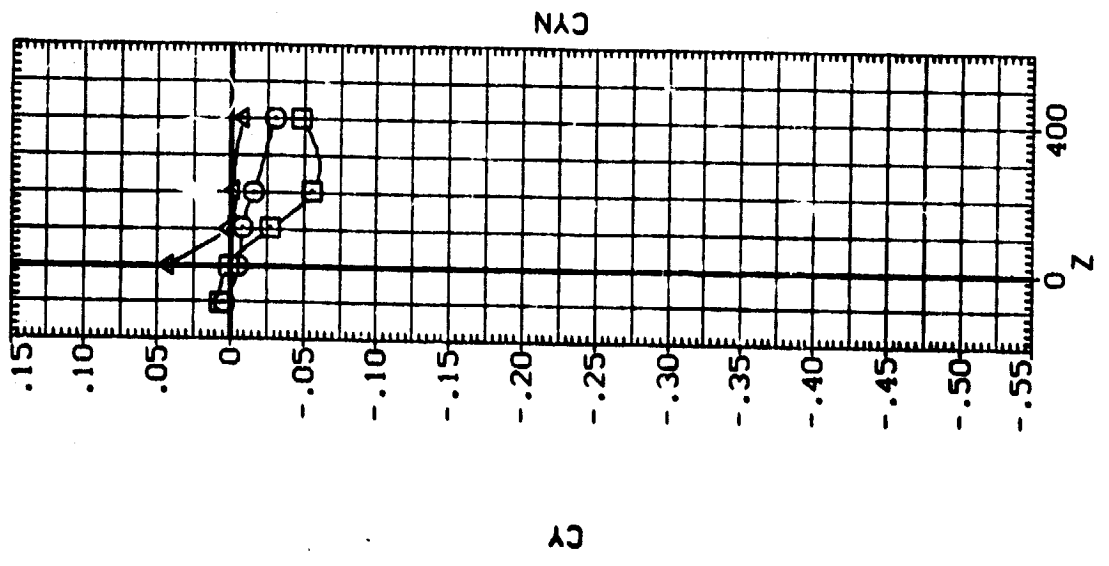


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
 (C)Y = 200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATL240) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/VET  
 (ATL241) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/VET  
 (ATL244) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/VET

SRB SEPAR. FROM O/VET  
 SRB SEPAR. FROM O/VET  
 SRB SEPAR. FROM O/VET

DELTA  
 .200  
 5.200  
 -4.900

REFERENCE INFORMATION  
 SREF 2690.0000 50 FT  
 LREF 1290.0000 INCHES  
 BREF 1290.0000 INCHES  
 XPRP 1290.0000 IN. XS  
 YPRP 400.0000 IN. YS  
 ZPRP 400.0000 IN. ZS  
 SCALE .0100

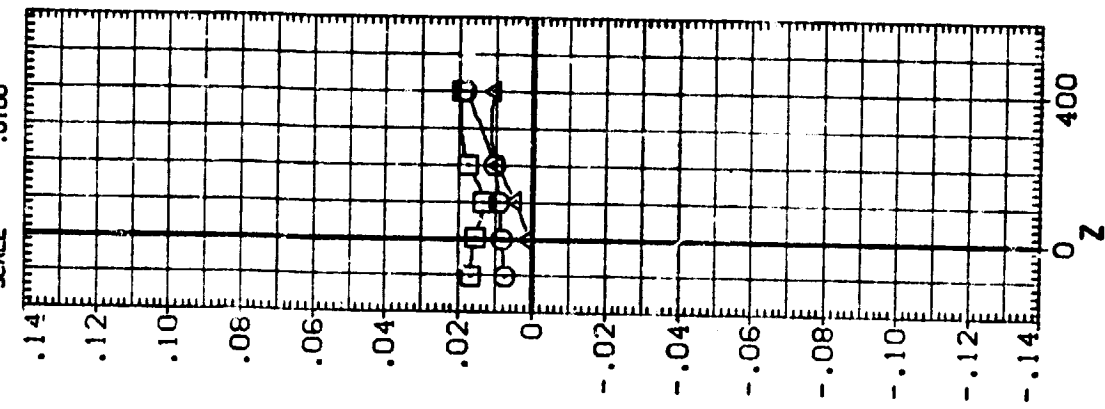
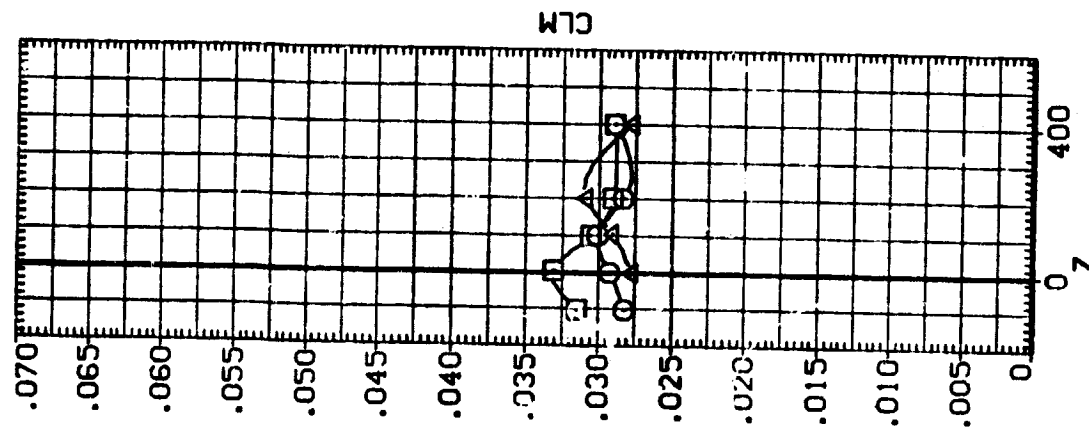
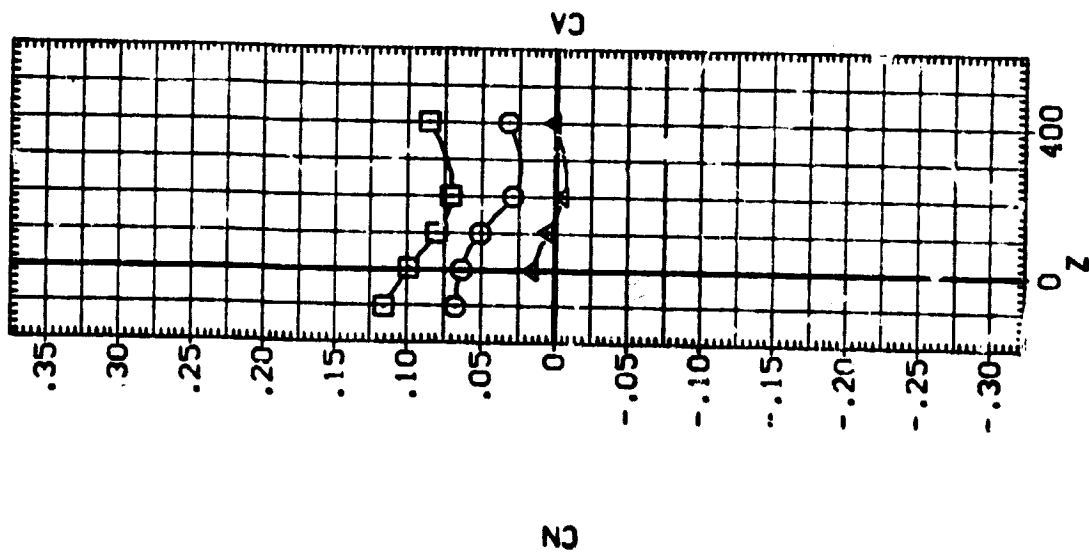


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/VET (ALPHA=10.0 BETA=15.8)  
 (C)Y = 200.00

DATA SET SYMBOL: **Q** CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET

REFERENCE INFORMATION: SREF 2690.0000 SO. FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XMRP 1259.5000 IN. XS YMRP 400.0000 IN. YS ZMRP 400.0000 IN. ZS SCALE .0100

M/CH: 4.120 300.000 4.520 300.000 4.520 300.000

DALPHA: .200 DBETA: -8.100 .200 DBETA: -8.100 5.200 DBETA: -4.900

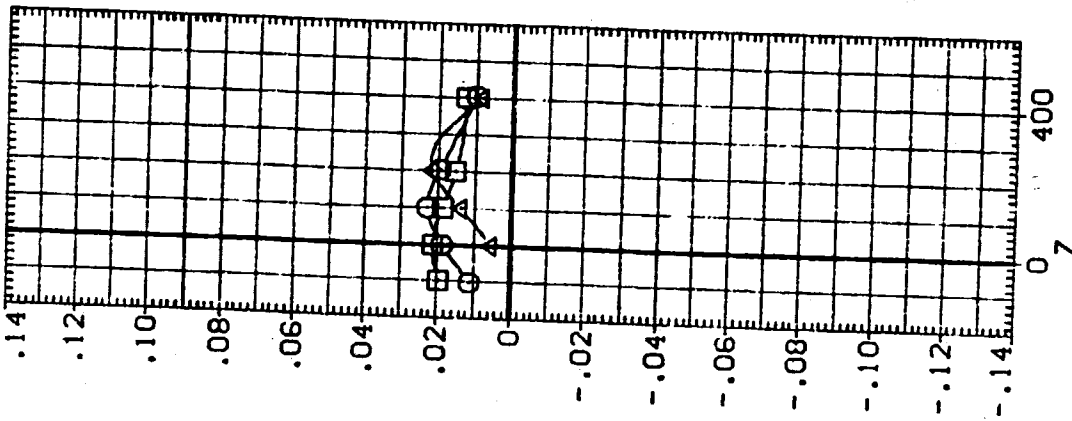
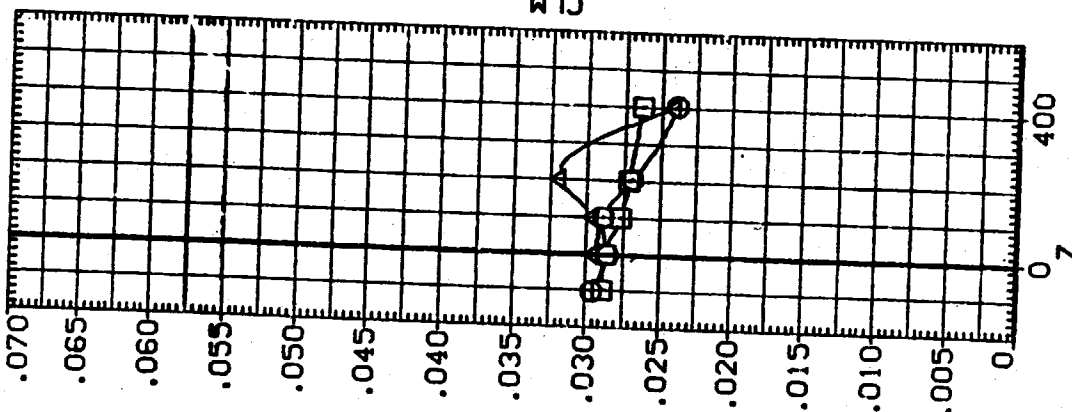
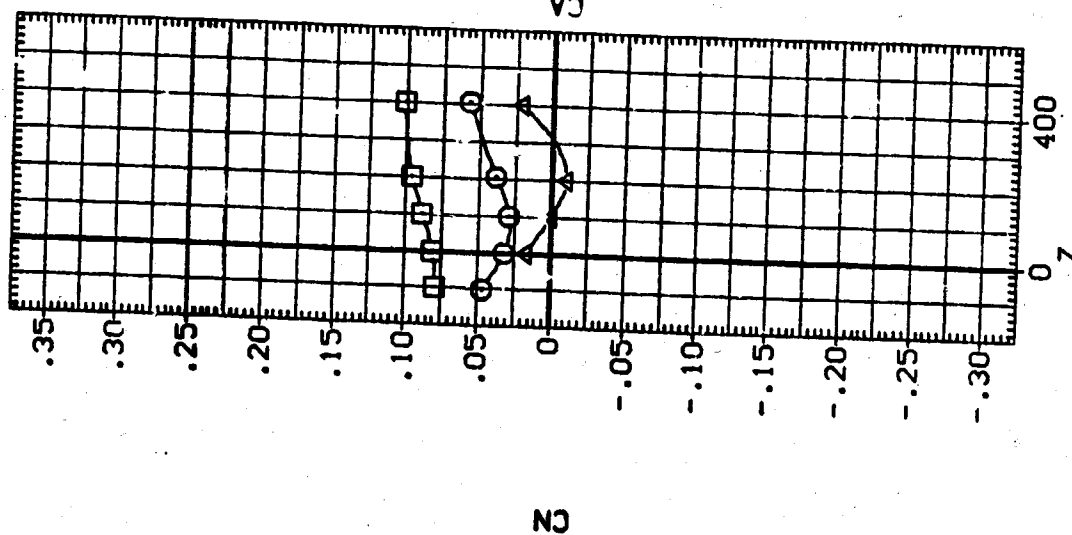


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
(DY) = 400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU240) AEDC/VAS28(1A87)-01ET1S1-R/H SRR SEPAR. FROM O/ET  
 (ATU241) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET  
 (ATU244) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET

DALPHA DBETA X  
 .200 -8.100 300.000  
 .200 -8.100 300.000  
 -4.500 -8.100 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1256.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

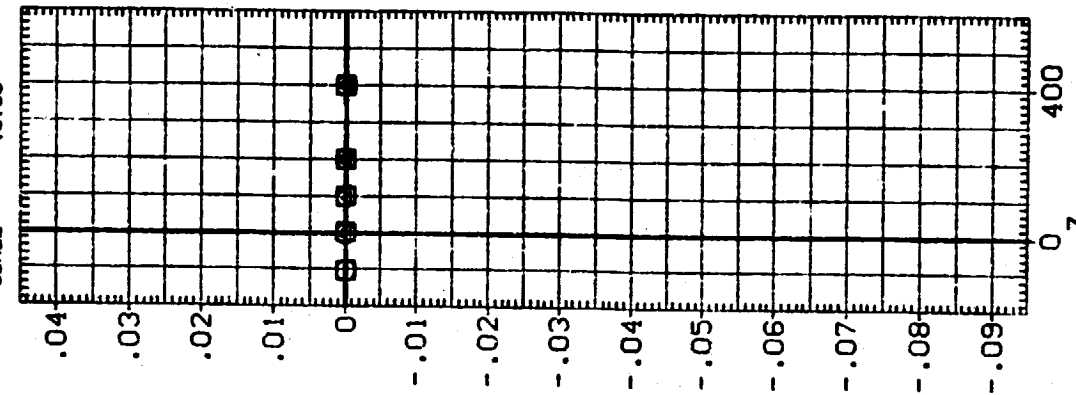
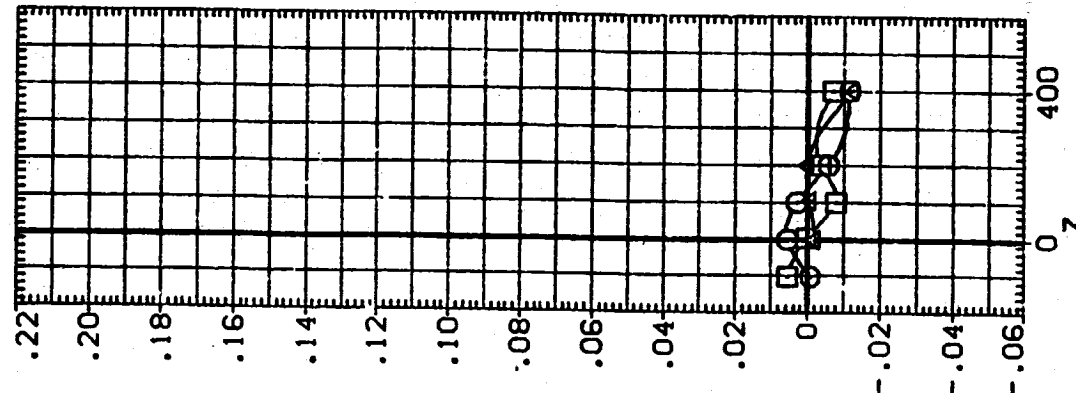
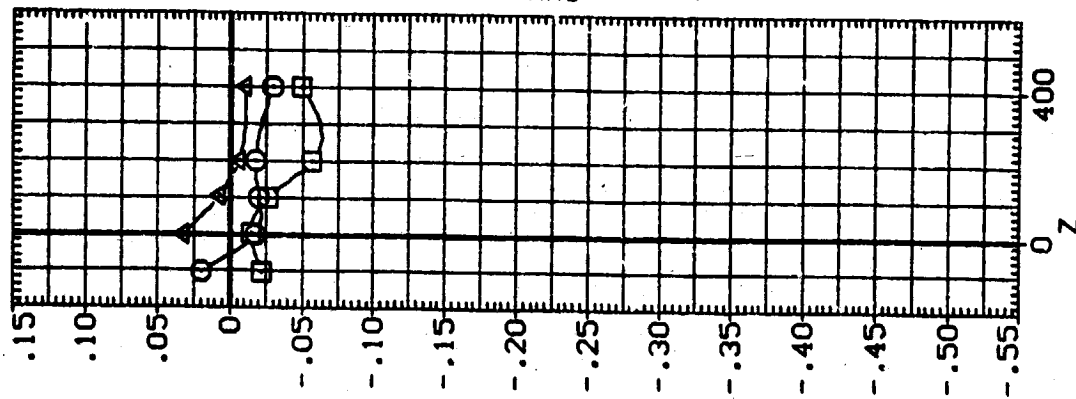


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(C)Y = 200.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU245)	AEDC/VAS28(1A871)-01ETISI-R/H	5.200	3.900	.000	4.520	SREF 2690.0000 SO.FT.
(ATU242)	DATA NOT AVAILABLE	5.200	-8.100	.000	4.520	LREF 1290.3000 INCHES
(ATU236)	DATA NOT AVAILABLE	5.200	-4.100	.000	4.520	BREF 1290.3000 INCHES
(ATU230)	AEDC/V 528(1A871)-01ETISI-R/H	5.200	-1.100	.000	4.520	XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

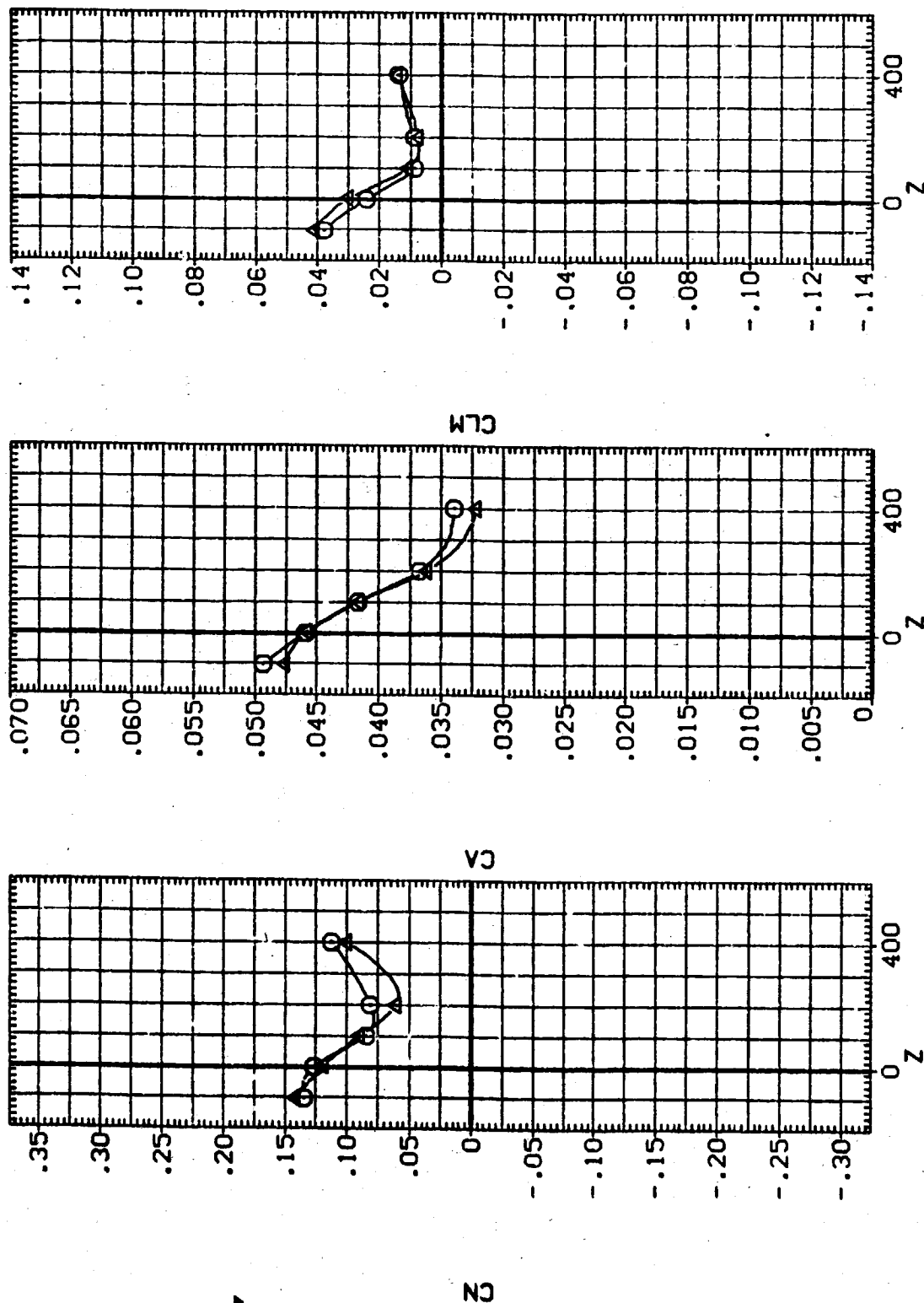


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/E (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU245) AEDC/VAS281(1A87)-01ETIS1-R/H SRB  
 (ATU242) DATA NOT AVAILABLE  
 (ATU236) AEDC/VAS281(1A87)-01ETIS1-R/H SRB  
 (ATU230) AEDC/VAS281(1A87)-01ETIS1-R/H SRB

ALPHA DBETA X  
 5.200 3.900 .000  
 5.200 -8.100 .000  
 5.200 -4.100 .000  
 5.200 -1.100 .000

MACH REFERENCE INFORMATION  
 4.520 SREF 2690.0000 SQ.FT.  
 4.520 LREF 1290.3000 INCHES  
 4.520 BREF 1290.3000 INCHES  
 4.520 XRRP 1258.5000 IN. XS  
 YRRP .0000 IN. YS  
 ZRRP 400.0000 IN. ZS  
 SCALE .0100

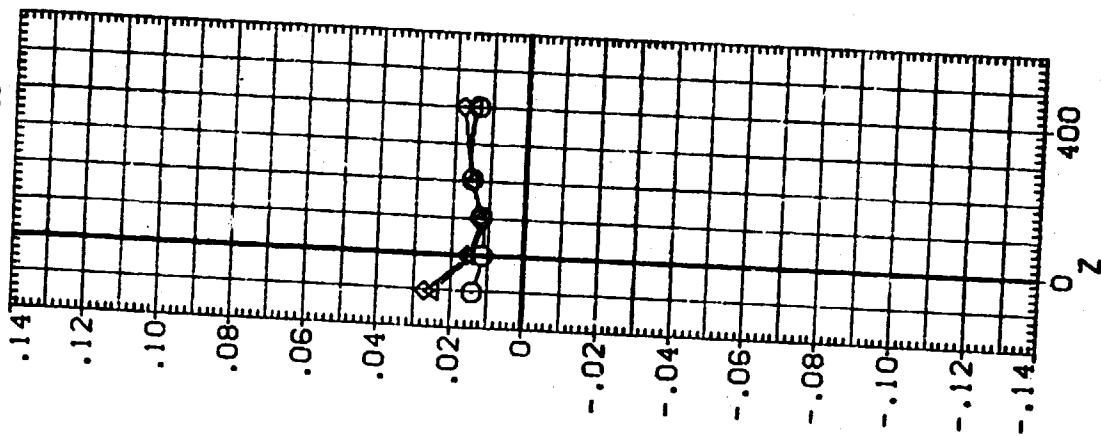
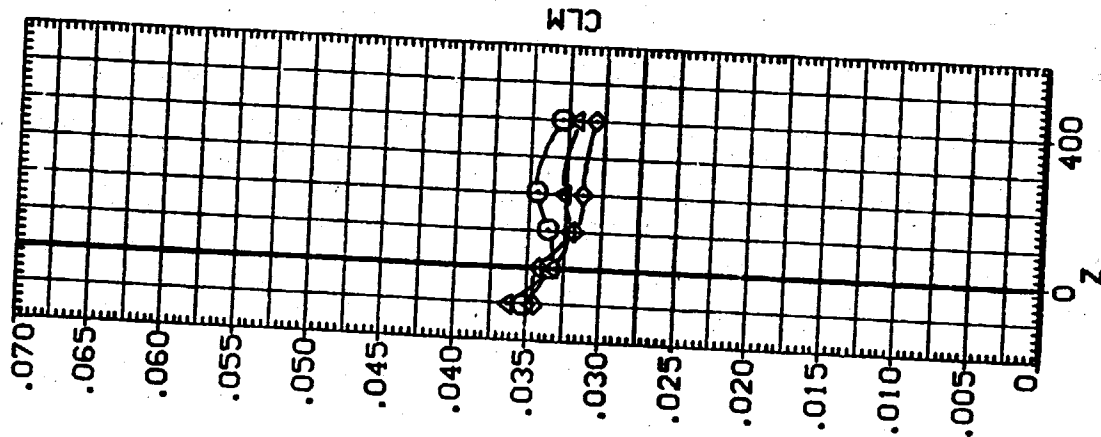
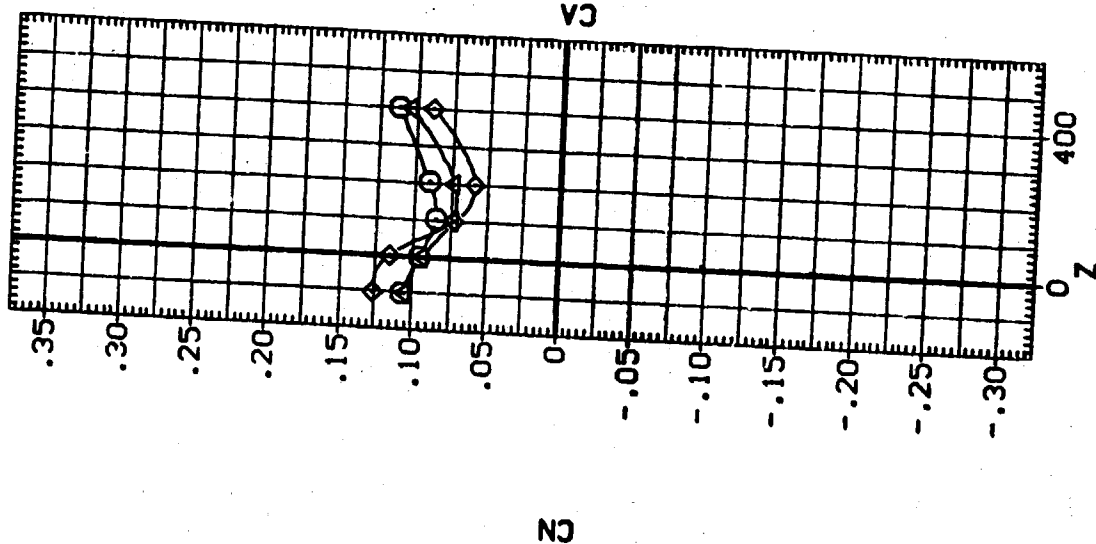


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
 (B)Y = 100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATL245)  
(ATL242)  
(ATL236)  
(ATL230)

AEDC/VAS281 (A87) -01ETISI-R/H  
AEDC/VAS281 (A87) -01ETISI-R/H  
AEDC/VAS281 (A87) -01ETISI-R/H  
AEDC/VAS281 (A87) -01ETISI-R/H

SRB SEPAR. FROM O/E/T  
SRB SEPAR. FROM O/E/T  
SRB SEPAR. FROM O/E/T  
SRB SEPAR. FROM O/E/T

DALPHA  
5.200  
5.200  
5.200  
5.200

DBETA  
3.900  
-8.100  
-4.100  
-1.100

X  
.000  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

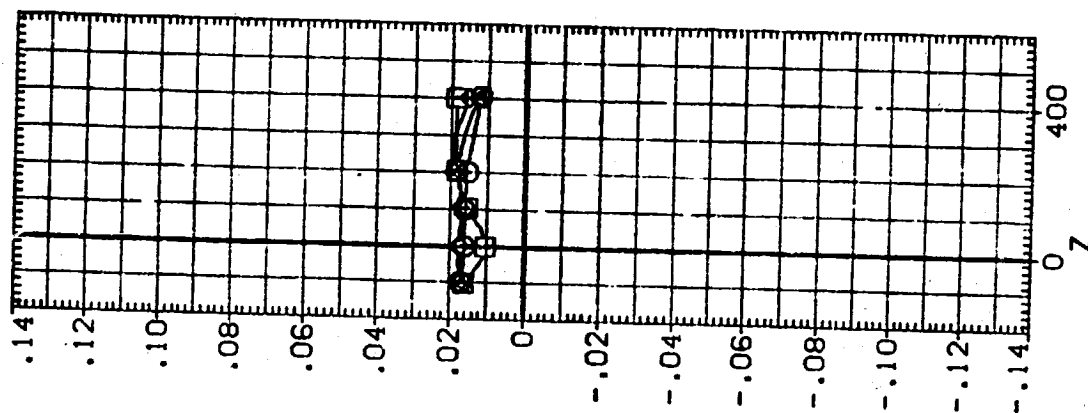
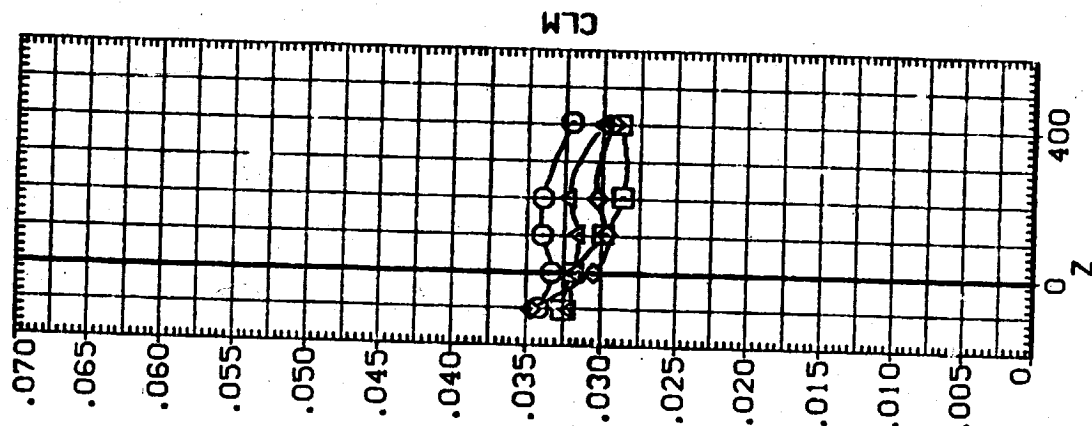
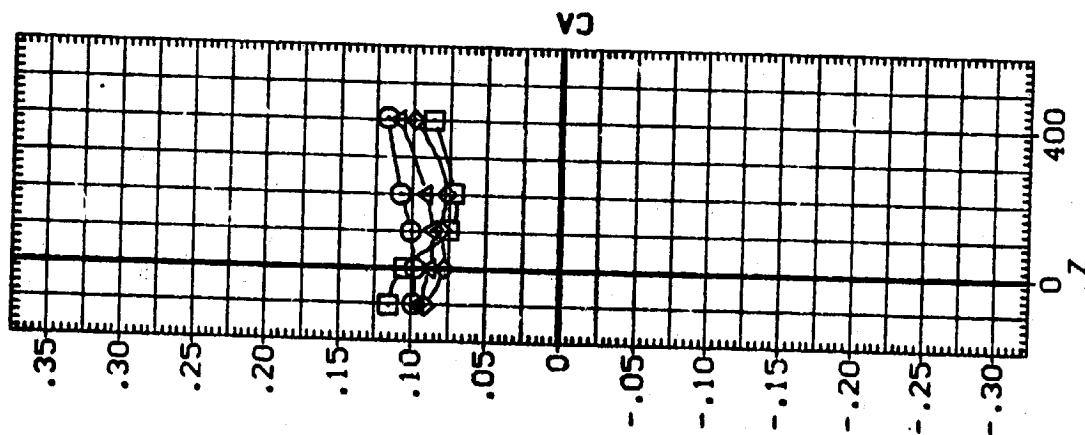


FIG.11 RIGHT SRB AERO CHARACTER SEPARATING FROM O/E/T (ALPHA=10.0 BETA=15.8)  
(CJY = 200.00)

Q (ATU245) Q

DATA NOT AVAILABLE

	AEDC/VAS28(1A67)-O1ET	SI-R/H	SRS	SEPAR.	FROM O/E/T
	AEDC/VAS28(1A67)-O1ET	SI-R/H	SRS	SEPAR.	FROM O/E/T
	AEDC/VAS28(1A67)-O1ET	SI-R/H	SRS	SEPAR.	FROM O/E/T

DALPHA	DBETA
5.200	3.900
5.200	-8.100
5.200	-4.100
5.200	-.100

8888  
8888  
8888

**HACH**  
**4.520**  
**4.520**  
**4.520**  
**4.520**

REFERENCE INFORMATION	
SREF	2690.0000 SQ.FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1258.5000 IN. X5
YMRP	.0000 IN. Y5
ZMRP	400.0000 IN. Z5
SCALE	.0100

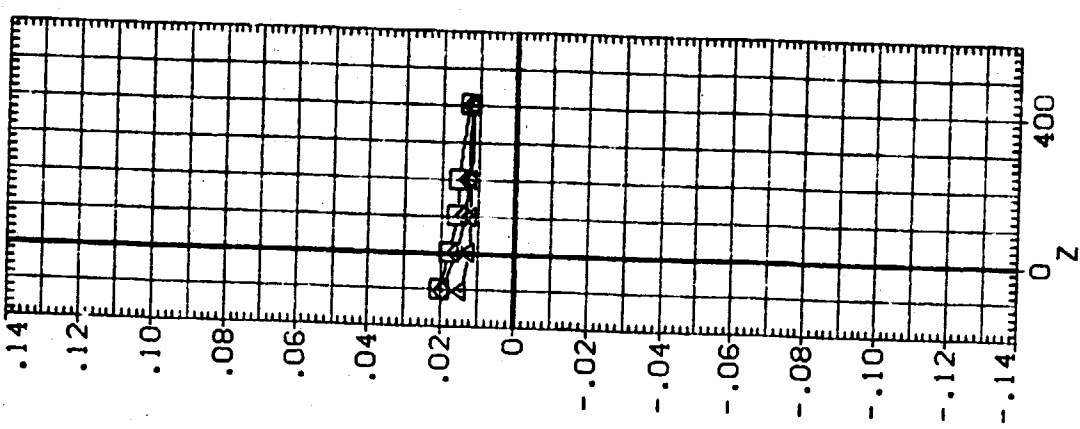
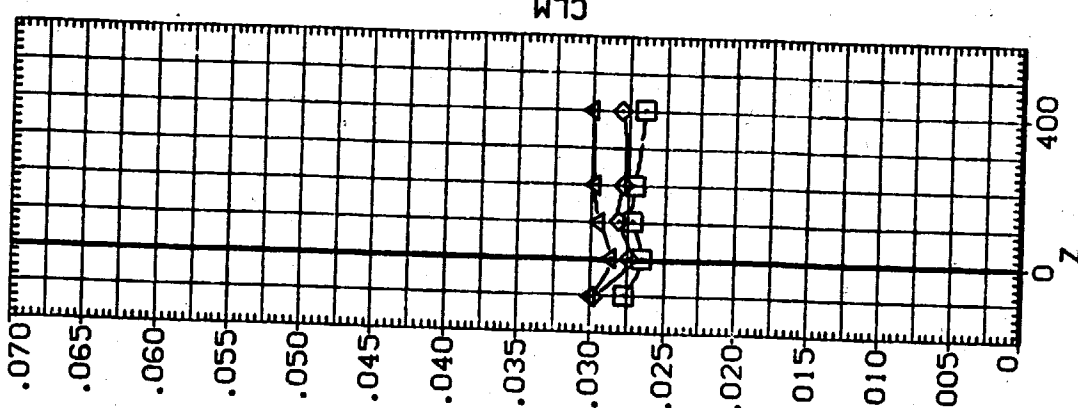
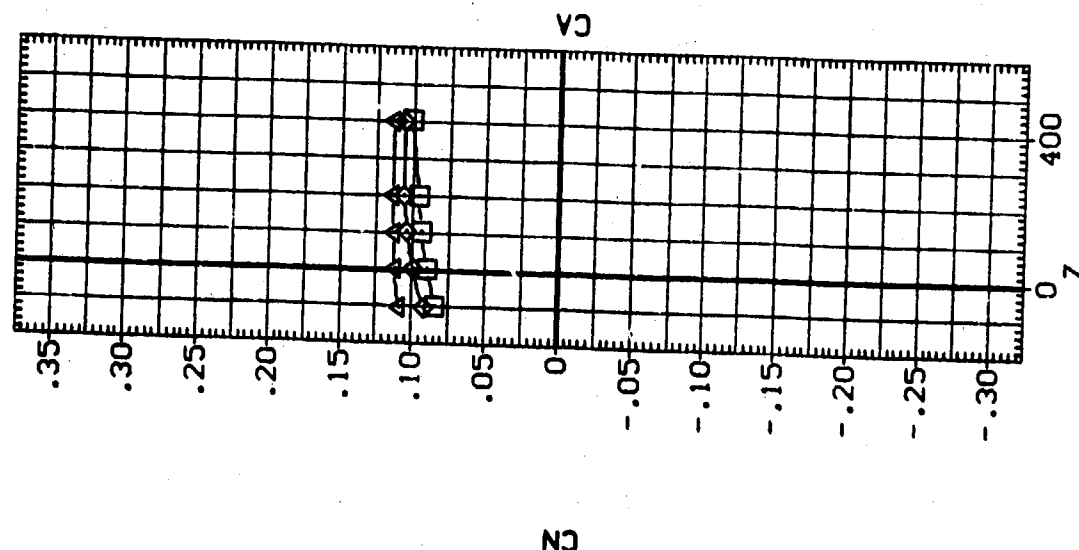


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
 DRY = 400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU245) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET  
 (ATU242) DATA NOT AVAILABLE  
 (ATU236) DATA NOT AVAILABLE  
 (ATU230) AEDC/VAS28(1A37)-01ET1S1-R/H SRB SEPAR. FROM O/ET

DALPHA DBETA X  
 5.200 3.900 .000  
 5.200 -8.100 .000  
 5.200 -4.100 .000  
 5.200 -.100 .000

MACH  
 4.520  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 4690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP 400.0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

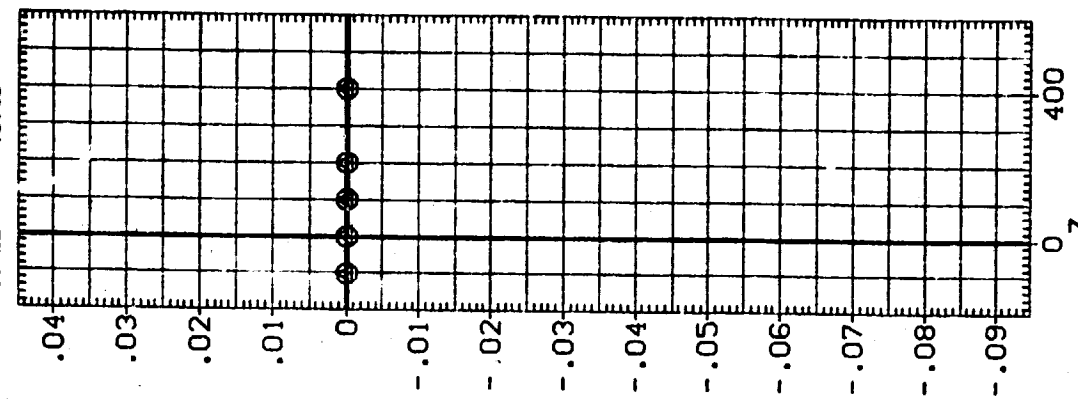
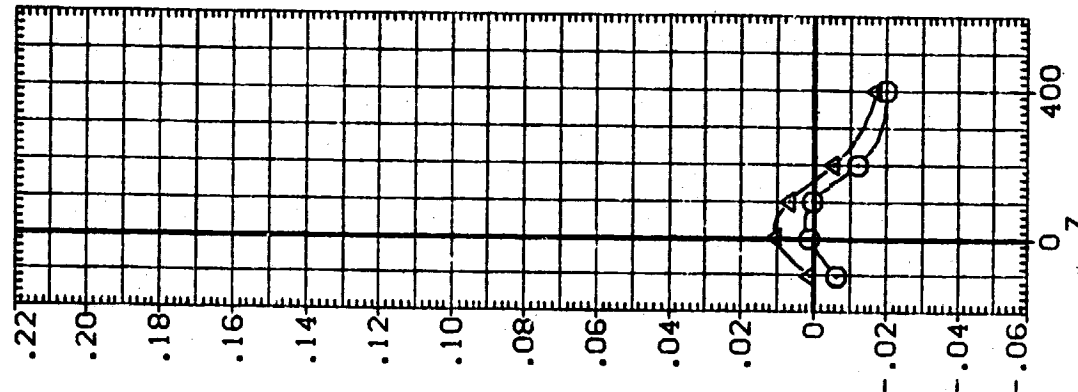
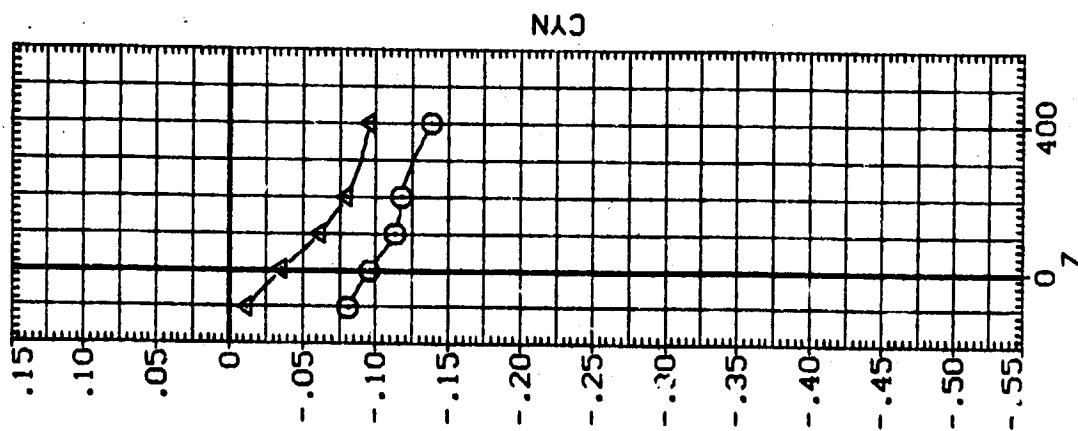


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
 (A)Y = 10.00

# DATA SET SYMBOL

## CONFIGURATION DESCRIPTION

(ATU245)  
(ATU242)  
(ATU236)  
(ATU230)

AEDC/VAS28(1A87)-01ET1S1-R/H  
DATA NOT AVAILABLE  
AEDC/VAS28(1A87)-01ET1S1-R/H  
AEDC/VAS28(1A87)-01ET1S1-R/H

SRB SEPAR. FROM Q/ET  
SRB SEPAR. FROM Q/ET  
SRB SEPAR. FROM Q/ET  
SRB SEPAR. FROM Q/ET

DALPHA  
5.200  
5.200  
5.200  
5.200

DBETA  
3.900  
-8.100  
-4.100  
-.100

X  
.000  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. YS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

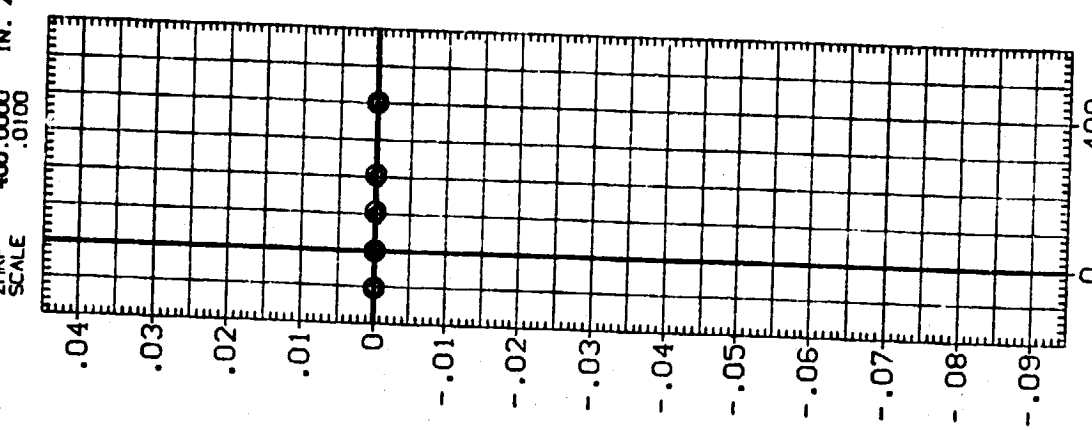
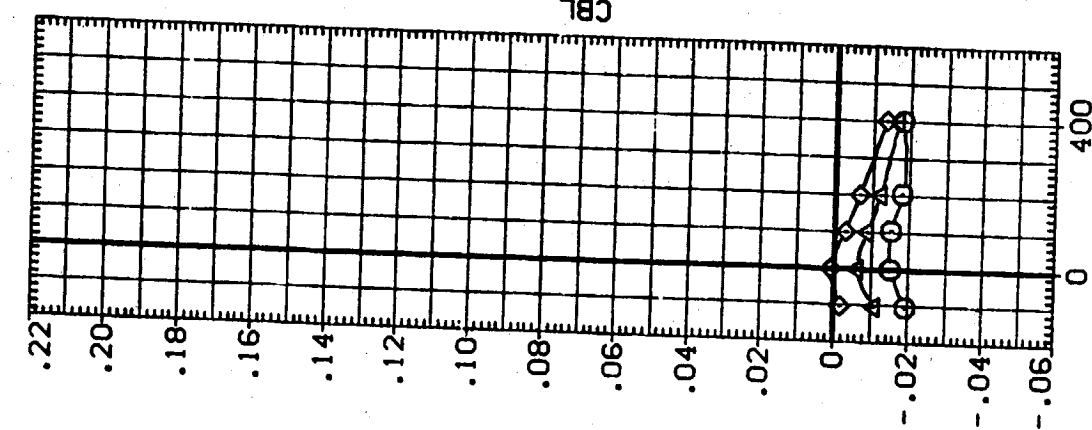
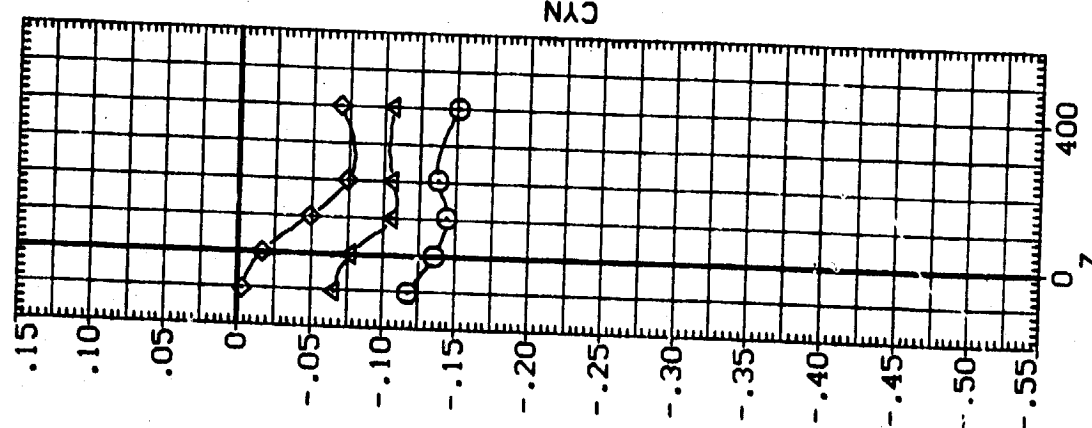


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM Q/ET (ALPHA=10.0 BETA=15.8)  
(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU245)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB	SEPAR. FROM O/EI	5.200	3.900	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU242)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB	SEPAR. FROM O/EI	5.200	8.100	.000	4.520	LREF 1290.3000 INCHES
(ATU236)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB	SEPAR. FROM O/EI	5.200	-4.100	.000	4.520	BREF 1290.3000 INCHES
(ATU230)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB	SEPAR. FROM O/EI	5.200	-1.100	.000	4.520	YMRP 1258.5000 IN. YS
								ZMRP 400.0000 IN. ZS
								SCALE .0100

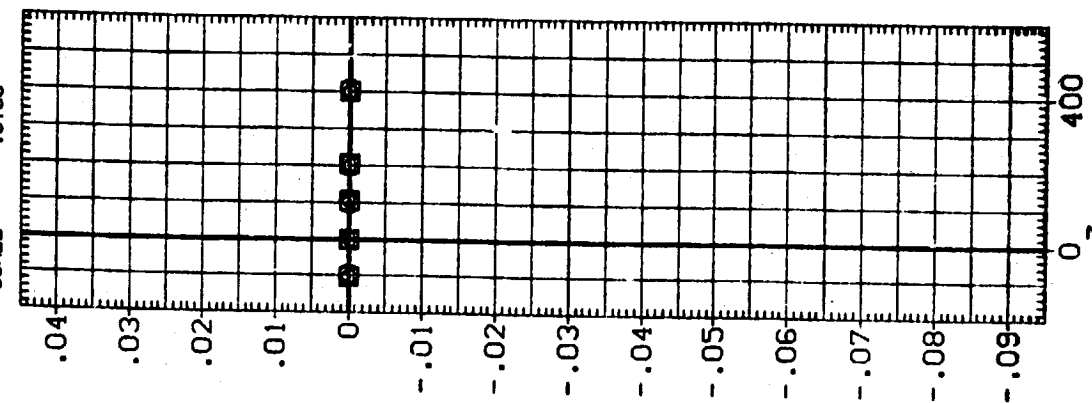
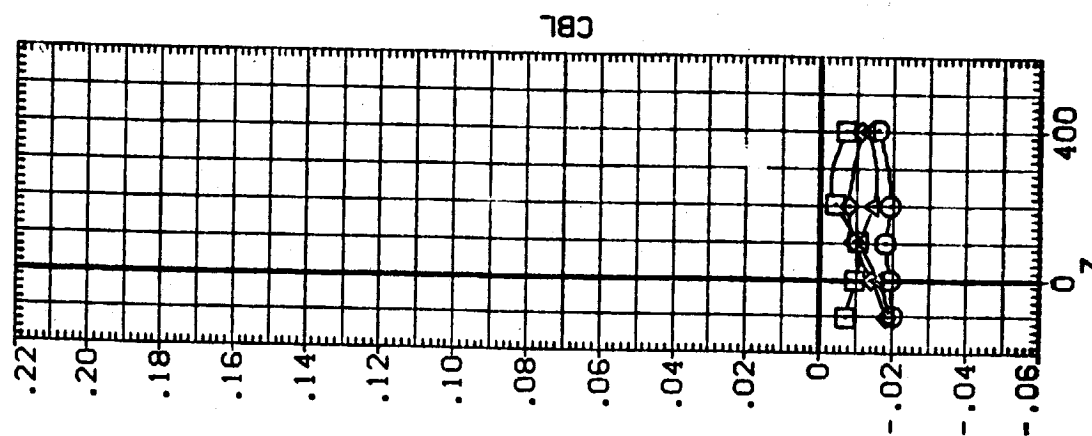
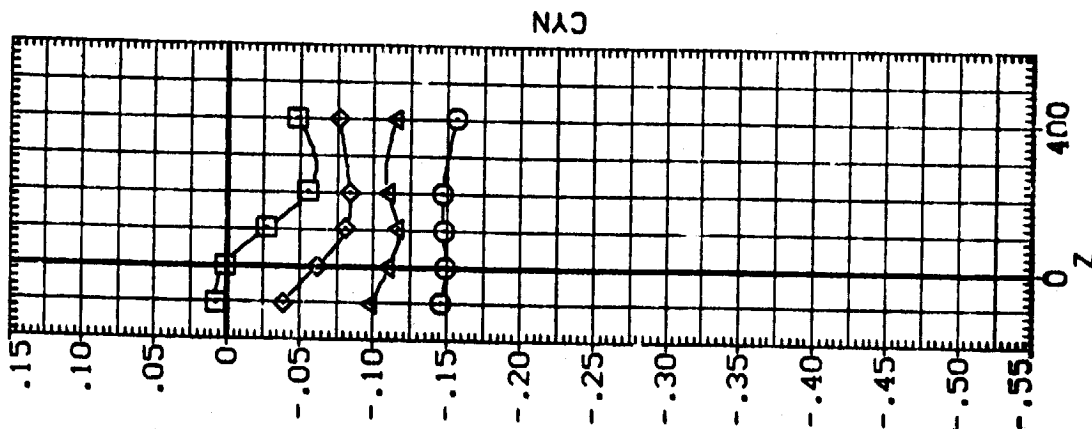


FIG.11 RIGHT SRB AERO CHARACTER SEPARATING FROM O/EI (ALPHA=10.0 BETA=15.8)

(CY) = 200.00



( ATU245 )  
( ATU242 )  
( ATU236 )  
( ATU230 )

ITA NOT AVAILABLE

3.900	200
3.100	200
4.100	200
1.100	200

1.520  
1.520  
1.520  
1.520

EF	2690.0000	50. FT
EF	1290.3000	INCHES
EF	1290.3000	INCHES
RP	1258.5000	IN. X
RP	.0000	IN. X
RP	400.0000	IN. X
SALE	.0100	

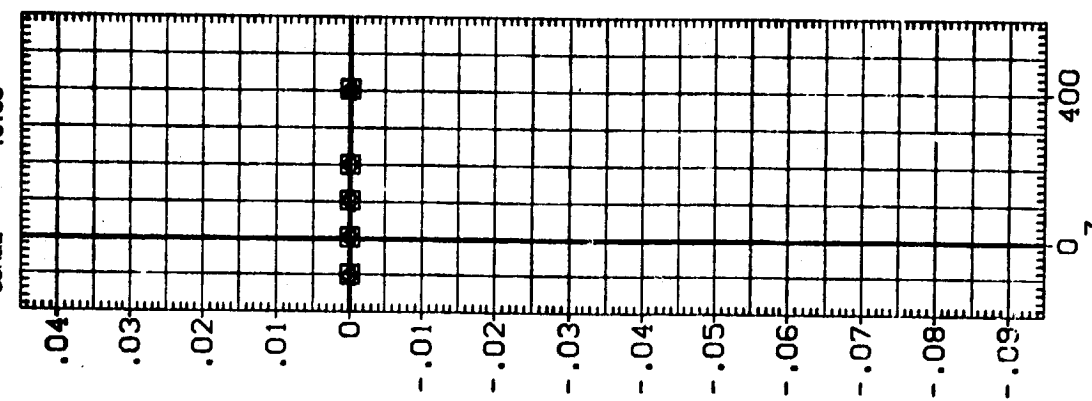
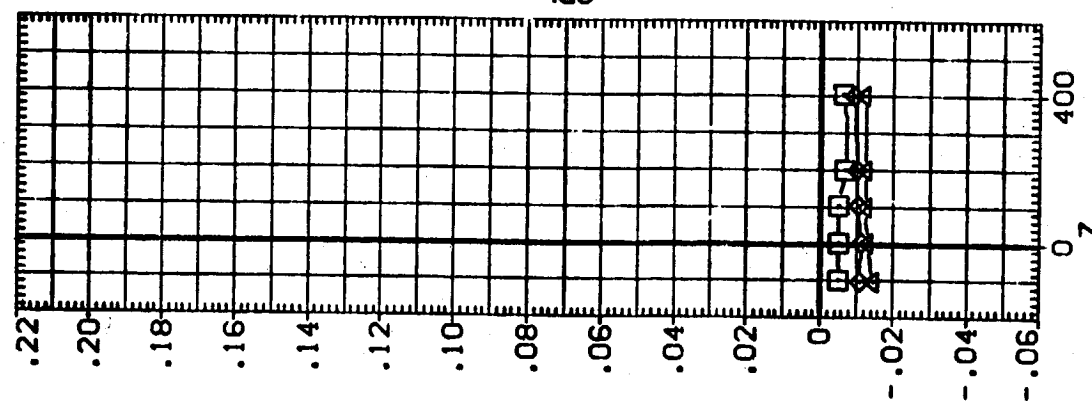
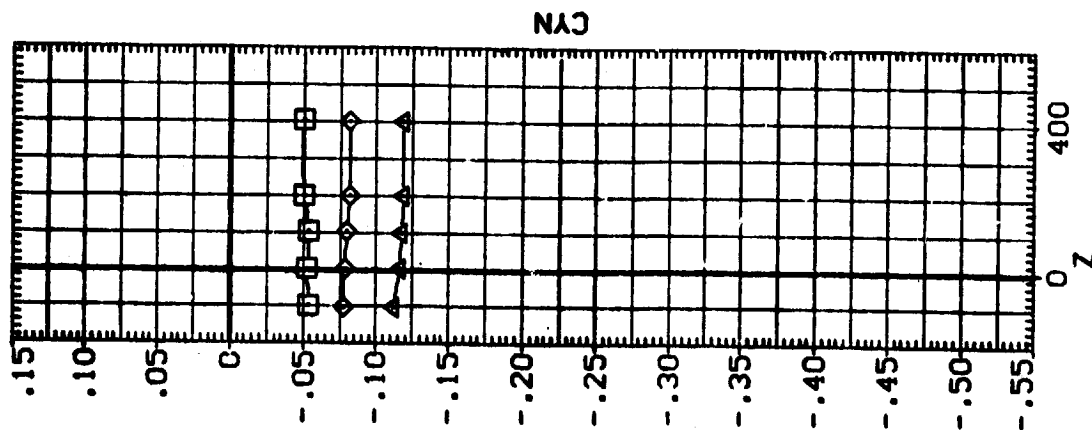


FIG. 11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

**(D)Y = 400.00**

# DATA SET SYMBOL

(ATL046)  
(ATL041)  
(ATL025)  
(ATL029)

# CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-O1ETIS1-R/H SRB SEPAR. FROM O/ET  
DATA NOT AVAILABLE  
AEDC/VAS28(1A87)-O1ETIS1-R/H SRB SEPAR. FROM O/ET  
DATA NOT AVAILABLE

# DALPHA

5.200  
5.200  
5.200  
5.200

# DBETA

3.900  
-8.100  
-4.100  
-1.100

# X

300.000  
300.000  
300.000  
300.000

# MACH

4.520  
4.520  
4.520  
4.520

# REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

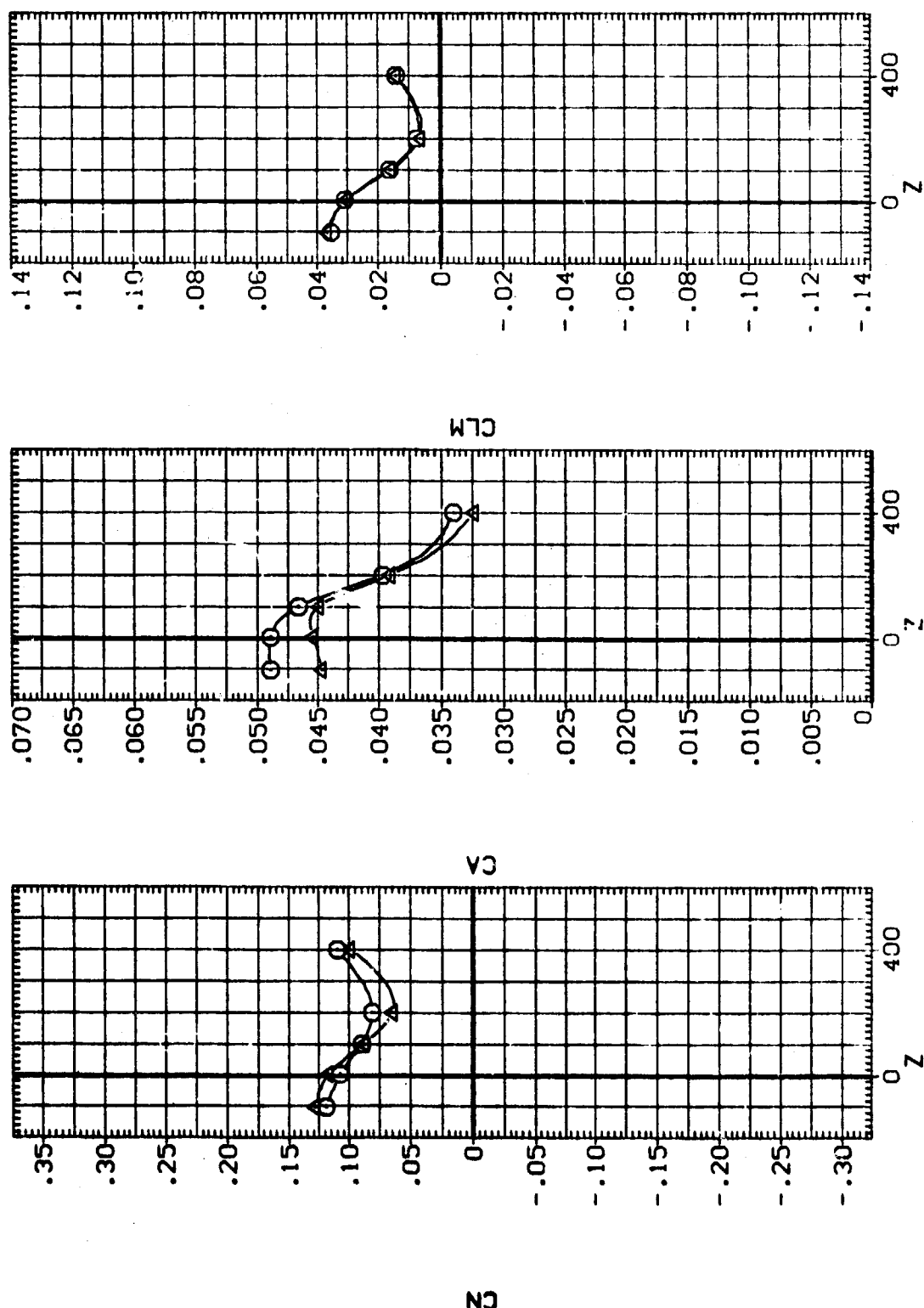


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU246)	AEDC/VAS28(1A87)-O1ETISI-R/H	SRB SEPAR. FROM O/ET	5.200	3.900	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU241)	DATA NOT AVAILABLE		5.200	-8.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU235)	AEDC/VAS28(1A87)-O1ETISI-R/H	SRB SEPAR. FROM O/ET	5.200	-4.100	300.000	4.520	BREF 1290.3000 INCHES
(ATU229)	AEDC/VAS28(1A87)-O1ETISI-R/H	SRB SEPAR. FROM O/ET	5.200	-1.100	300.000	4.520	YPRP 1258.5000 IN. XS
							ZPRP 400.0000 IN. YS
							SCALE .0100

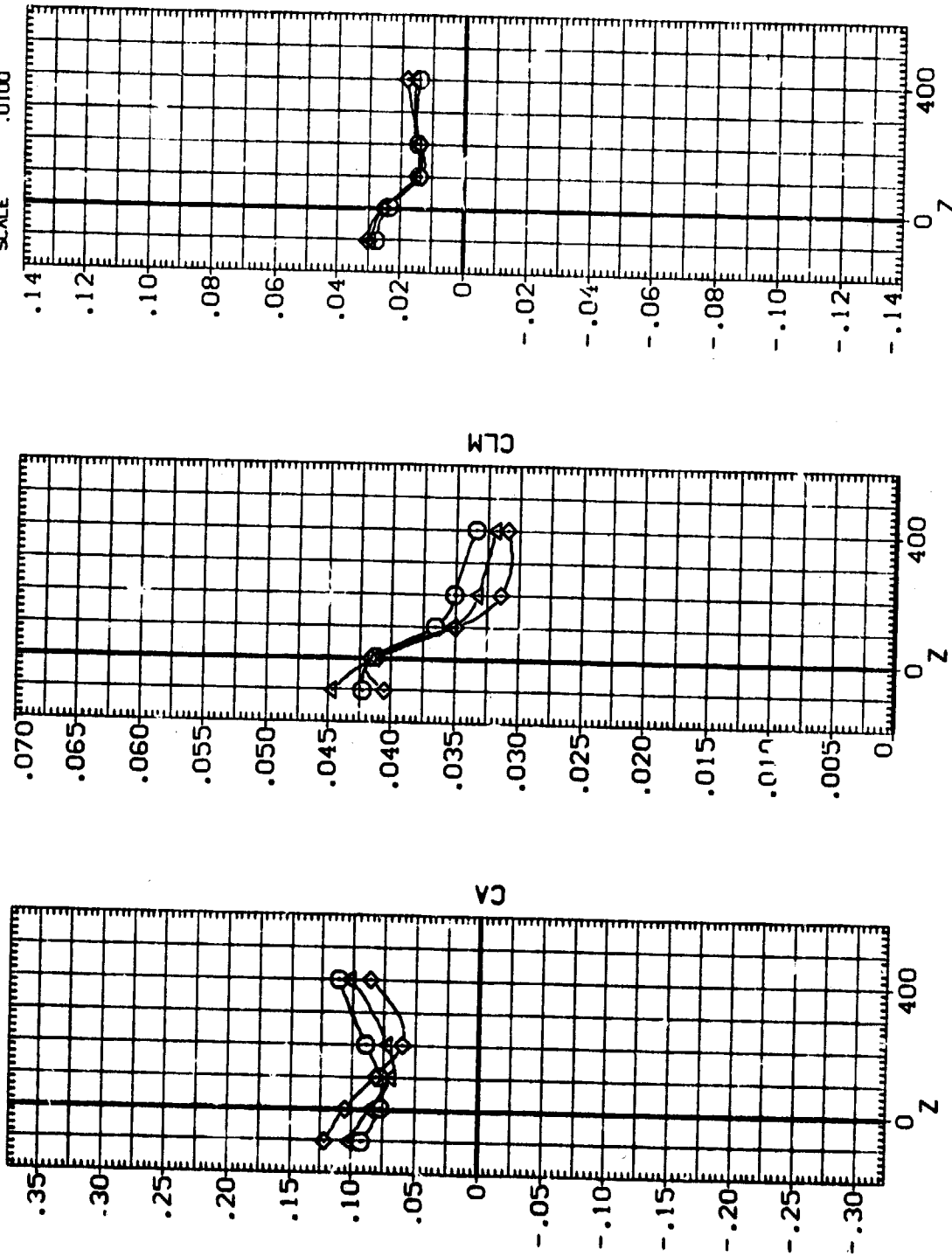


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
(8)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU246)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB	SEPAR. FROM O/ET	5.200	3.900	300.000	4.520	SREF 2690.0000 SQ. FT.
(ATU241)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB	SEPAR. FROM O/ET	5.200	-8.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU235)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB	SEPAR. FROM O/ET	5.200	-4.100	300.000	4.520	BREF 1290.3000 IN. XS
(ATU229)	AEDC/VAS281(A87)-01ET1S1-R/H	SRB	SEPAR. FROM O/ET	5.200	-1.100	300.000	4.520	YMRP 0000 IN. YS
								ZMRP 0000 IN. ZS
								SCALE 0.00

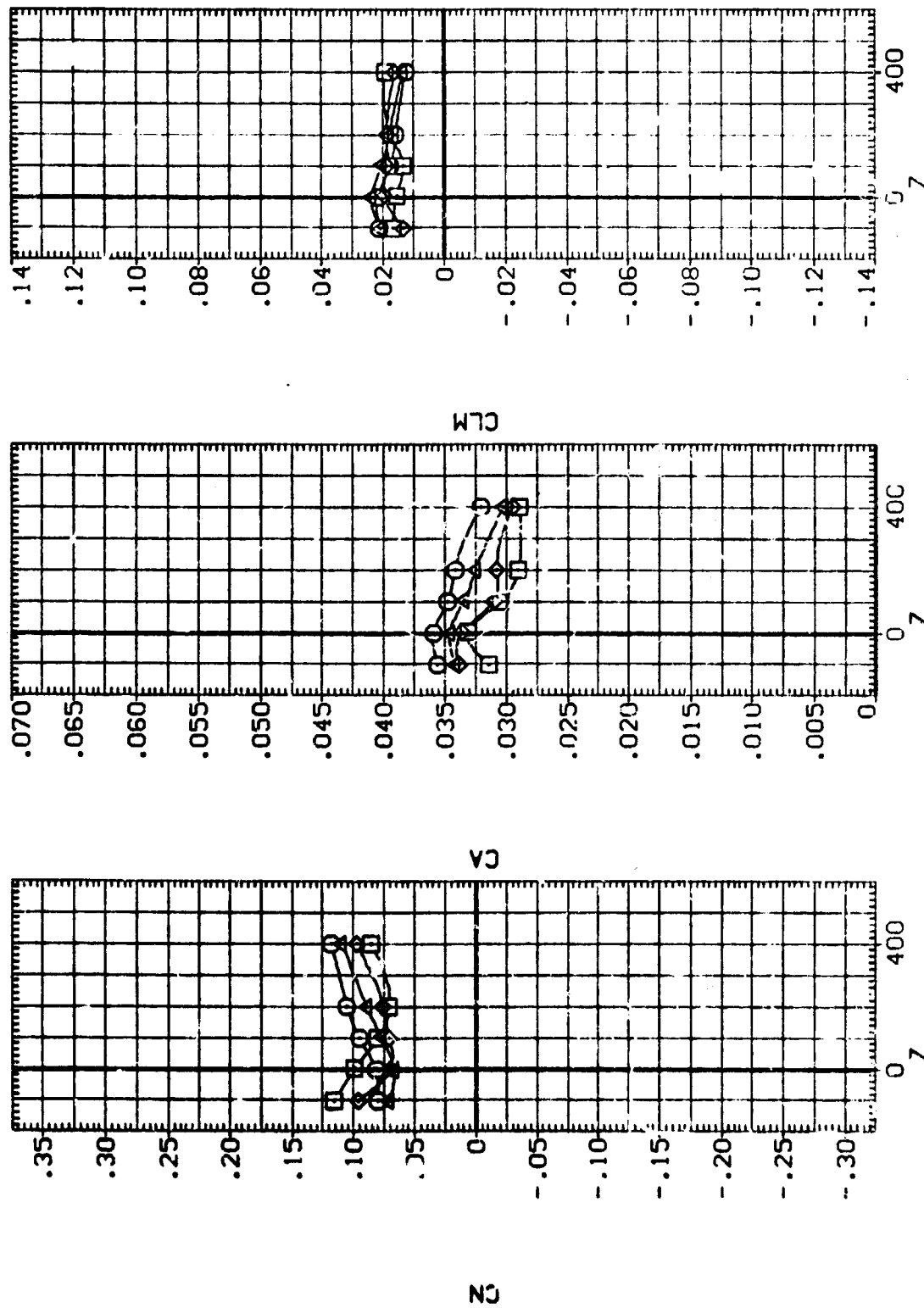


FIG.1.1 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(C)Y = 200.00

	□	◇	△
(ATJ241)	AEDC/VA528(1A67)-01ET1S1-R/H	SRB	SEPAR. FROM O/VET
(ATJ235)	AEDC/VA52P(1A67)-01ET1S1-R/H	SRB	SEPAR. FROM O/VET
(ATJ229)	AEDC/VA528(1A67)-01ET1S1-R/H	SRB	SEPAR. FROM C/VET

QUAL.PMA	DBETA	X
5.200	3.900	300.000
5.200	-8.100	300.000
5.200	-4.100	300.000
5.200	-1.100	300.000

MACH	REFERENCE INFORMATION	SO.F	INCH	IN.
4.520	SREF	2690.0000	INCH	IN.
4.520	LREF	1290.3000	INCH	IN.
4.520	BREF	1290.3000	INCH	IN.
4.520	XMRP	1258.5000	INCH	IN.
	YMRP	0.0000	INCH	IN.
	ZMRP	400.0000	INCH	IN.
	SCALE	.0100		

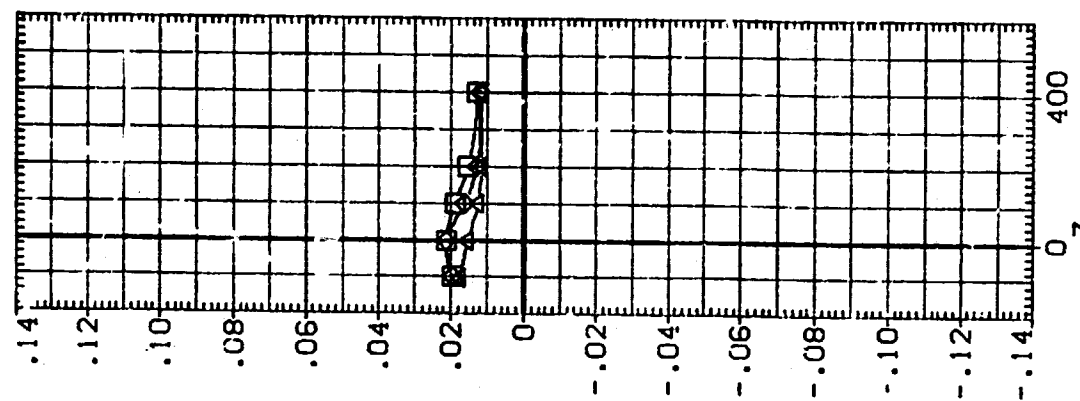
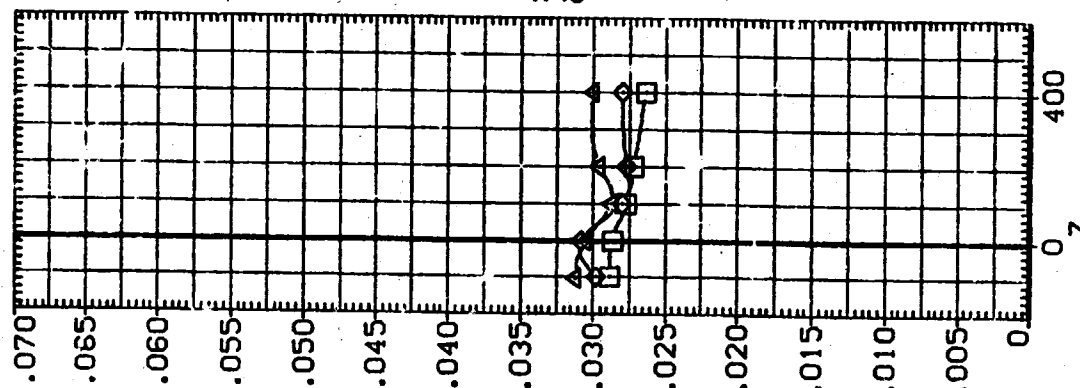
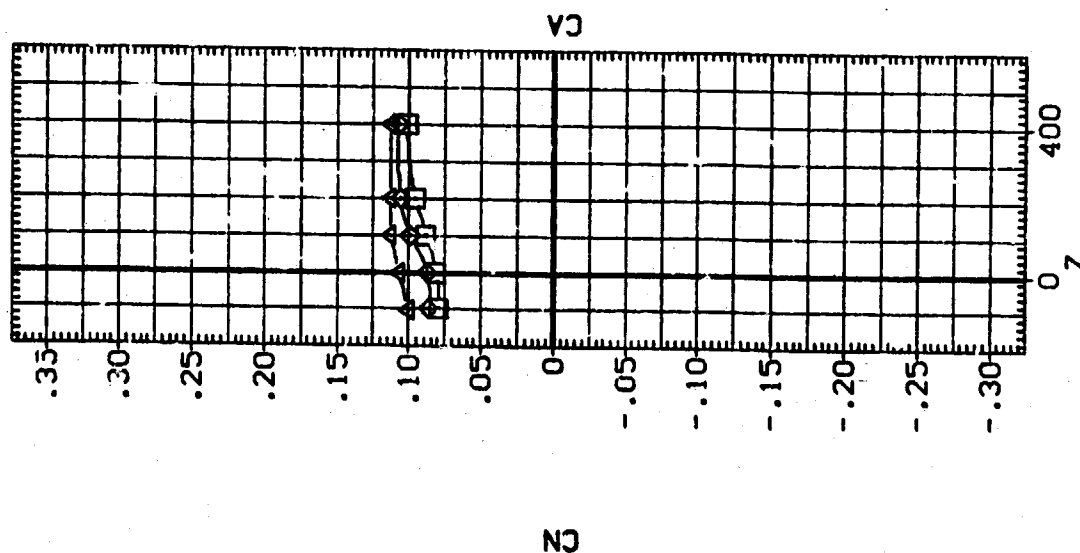


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

**(D)Y = 400.00**

PAGE 300

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU246)	AEDC/VAS28(1A87)-01ETIS1-R/H	5.200	3.900	300.000	4.520	SREF 2650.0000 SQ.FT.
(ATU241)	DATA NOT AVAILABLE	5.200	-8.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU235)	DATA NOT AVAILABLE	5.200	-4.100	300.000	4.520	BREF 1290.3000 INCHES
(ATU229)	AEDC/VAS28(1A87)-01ETIS1-R/H	5.200	-1.100	300.000	4.520	YMRP 1258.5000 IN. YS
						ZMRP .0000 IN. YS
						SCALE .0100

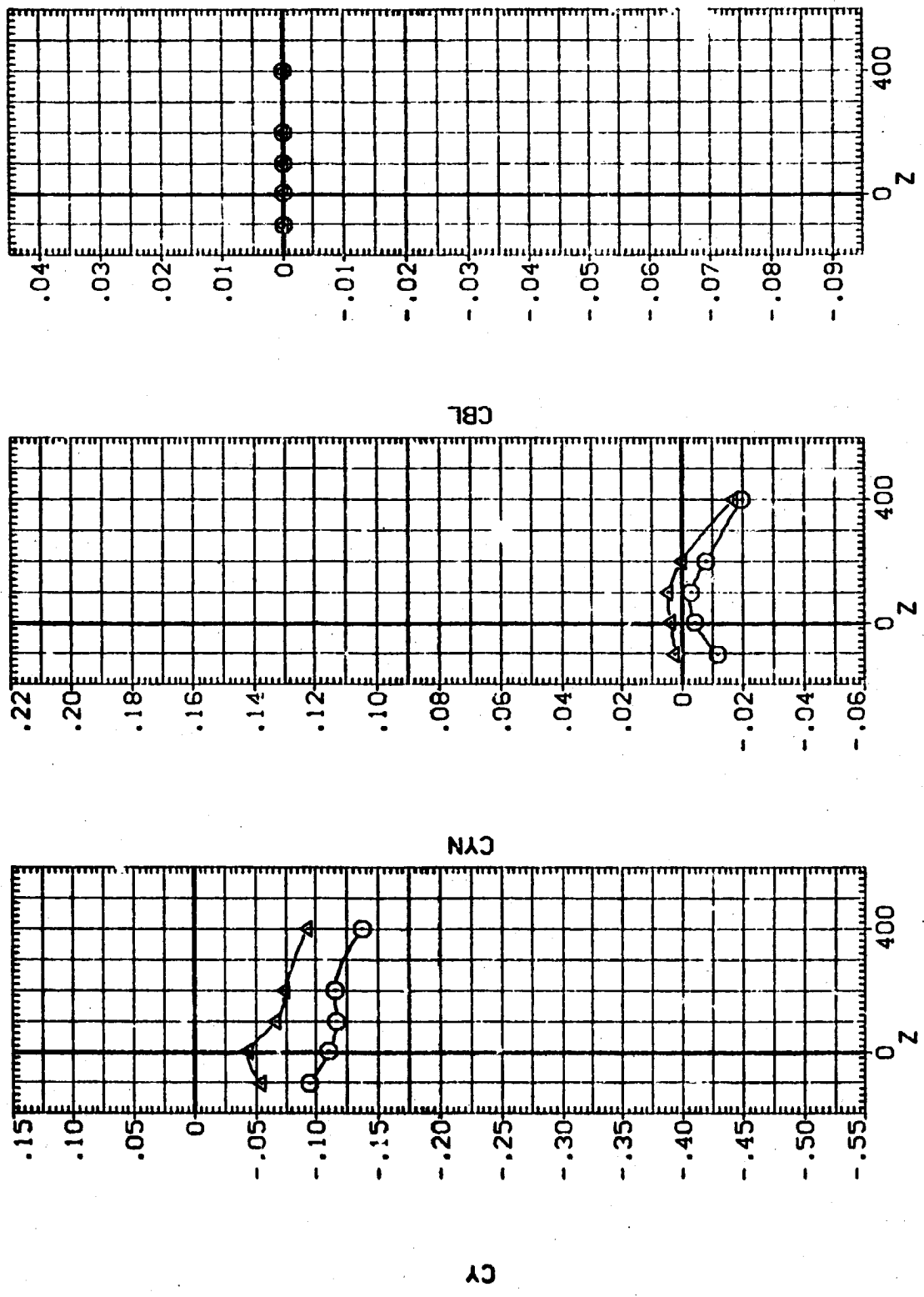


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU246) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET

(ATU241) DATA NOT AVAILABLE

(ATU238) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET

(ATU229) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM O/ET

ALPHA DBETA X MACH REFERENCE INFORMATION

5.200 3.900 300.000 4.520 2690.0000 SQ.FT.

5.200 -8.100 300.000 4.520 1250.3000 INCHES

5.200 -4.100 300.000 4.520 1250.3000 INCHES

5.200 5.200 300.000 4.520 1250.3000 IN. XS

YMRP 0.0000 IN. YS

ZMRP 400.0000 IN. ZS

SCALE 0.0100

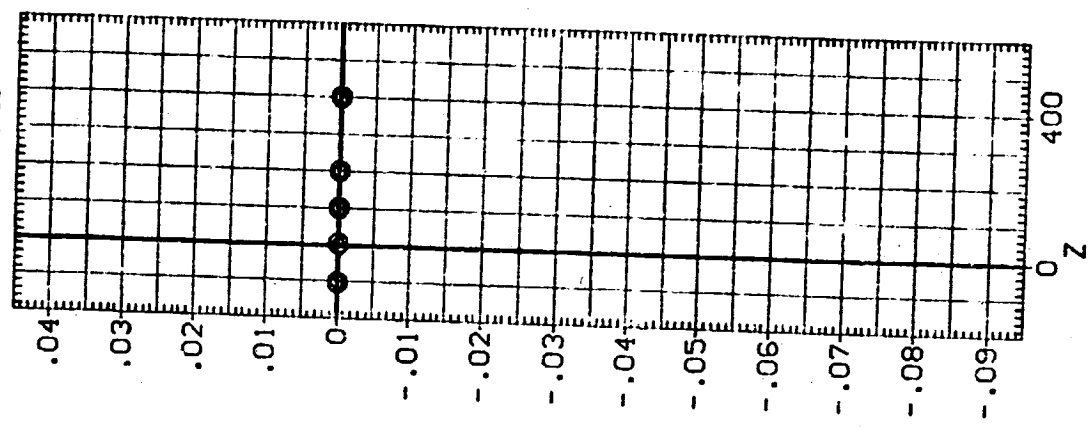
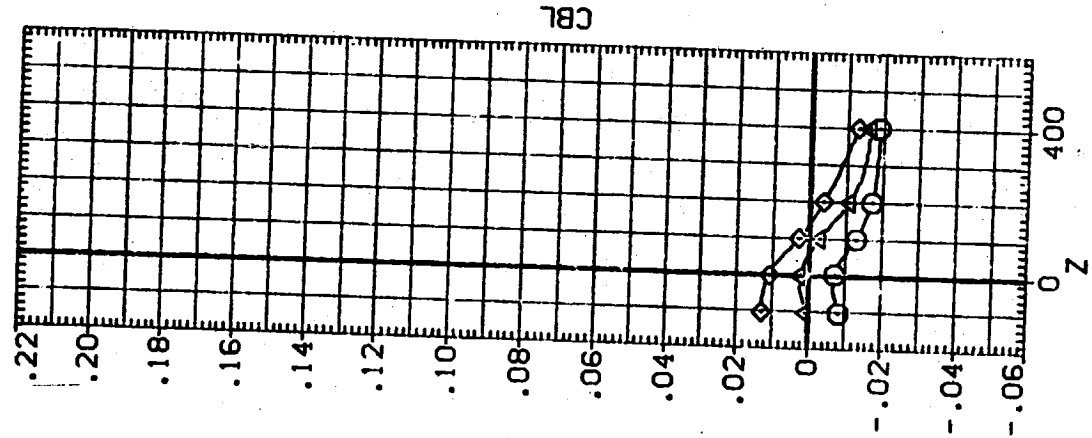
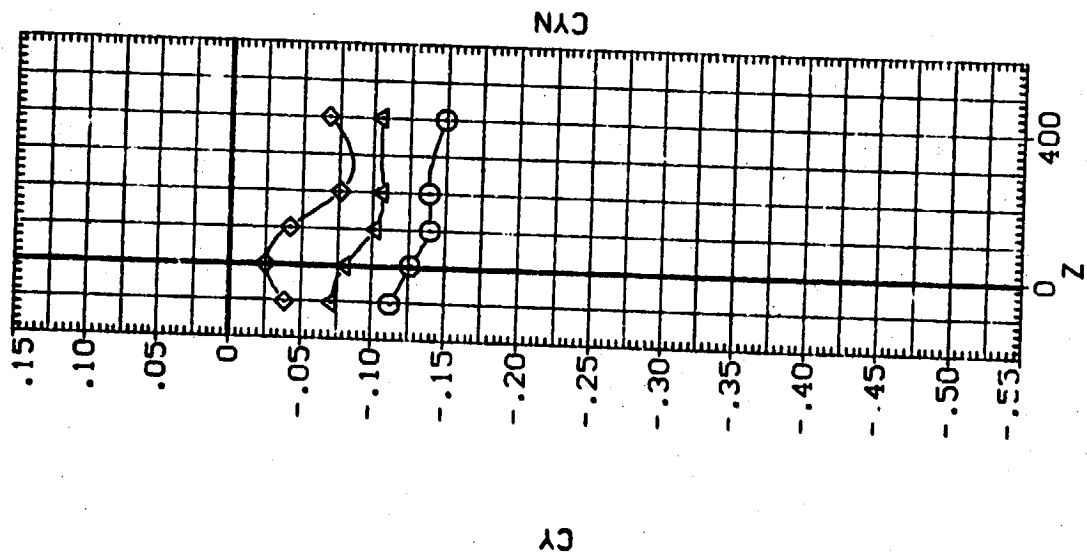


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(B)Y = 100.00





# DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA NOT AVAILABLE

(ATU246)  
(ATU241)  
(ATU235)  
(ATU229)

AEDC/VAS28(IAB7)-O1ET1S1-R/H SRB SEPAR. FROM O/ET  
AEDC/VAS28(IAB7)-O1ET1S1-R/H SRB SEPAR. FROM O/ET  
AEDC/VAS28(IAB7)-O1ET1S1-R/H SRB SEPAR. FROM O/ET

DALPHA 5.200 3.900  
5.200 -8.100  
5.200 -4.100  
5.200 -1.100

MACH 4.520  
4.520  
4.520  
4.520

X 300.000  
300.000  
300.000  
300.000

REFERENCE INFORMATION  
SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

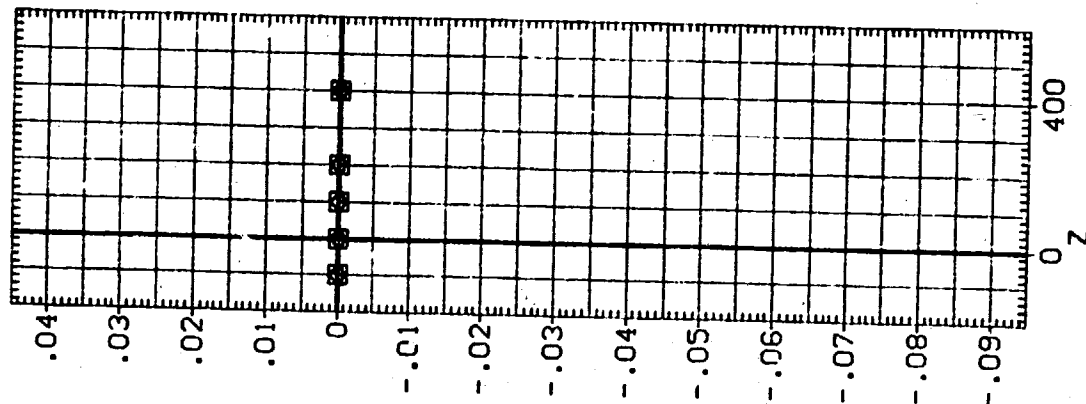
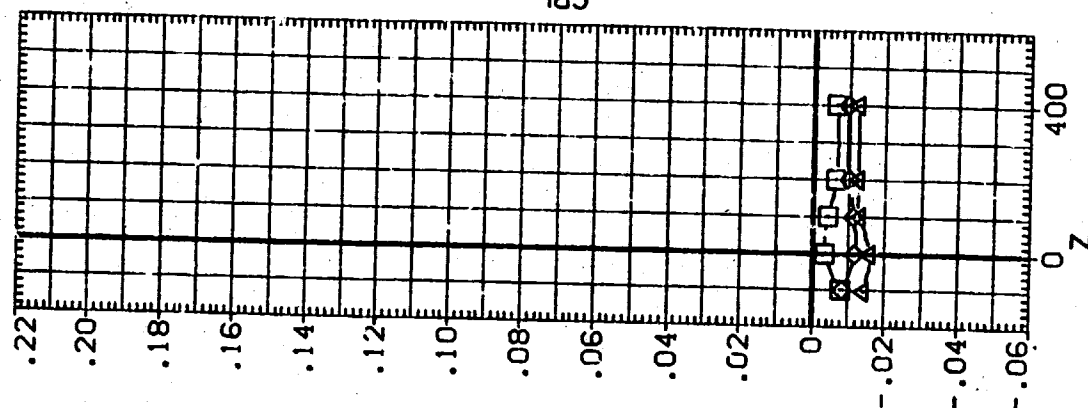
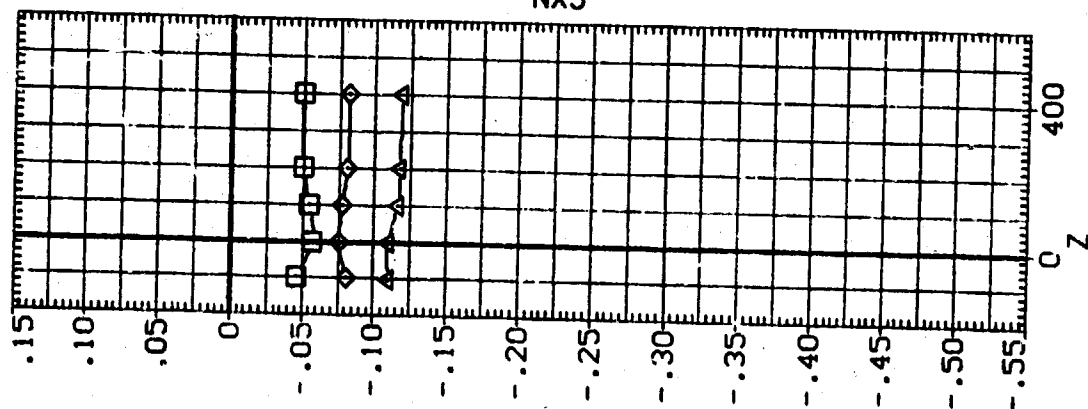


FIG.11 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
(O)Y = 400.00

DATA SET SYMBOL  
(ATU266)  
(ATU268)  
(ATU270)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ETISI-R/H  
AEDC/VAS28(1A87)-01ETISI-R/H  
AEDC/VAS28(1A87)-01ETISI-R/H

SRB SEPAR. FROM O/E/T  
SRB SEPAR. FROM O/E/T  
SRB SEPAR. FROM O/E/T

DALPHA  
.200  
5.200  
-4.800

DBETA  
.000  
.000  
.000

X  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

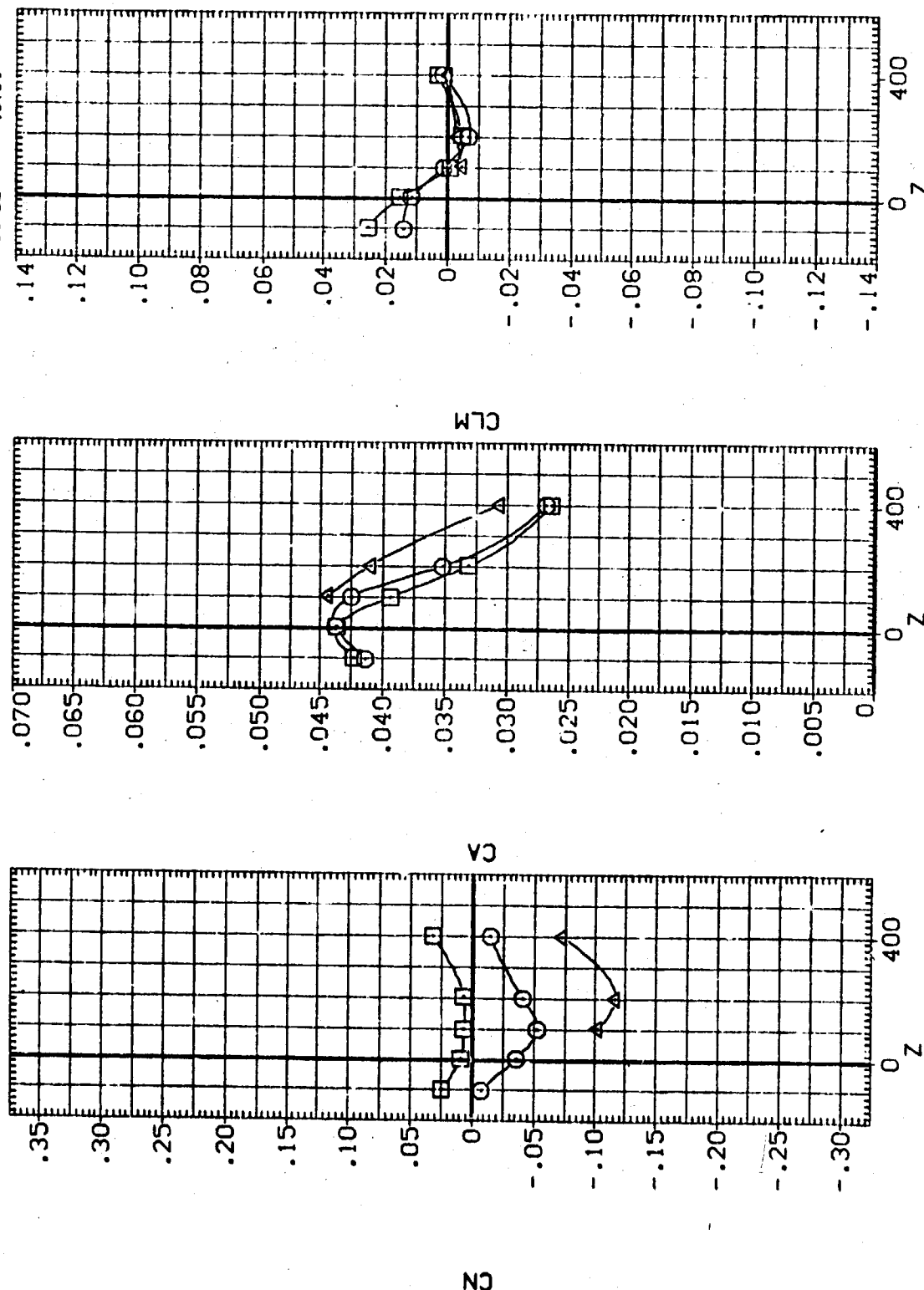


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU266)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	.000	.000	4.520	2690.0000 SQ. FT.
(ATU269)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	1290.3000 INCHES
(ATU270)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.800	.000	.000	4.520	1290.3000 INCHES
							1258.5000 IN. XS
							1258.5000 IN. XS
							400.0000 IN. ZS
							SCALE

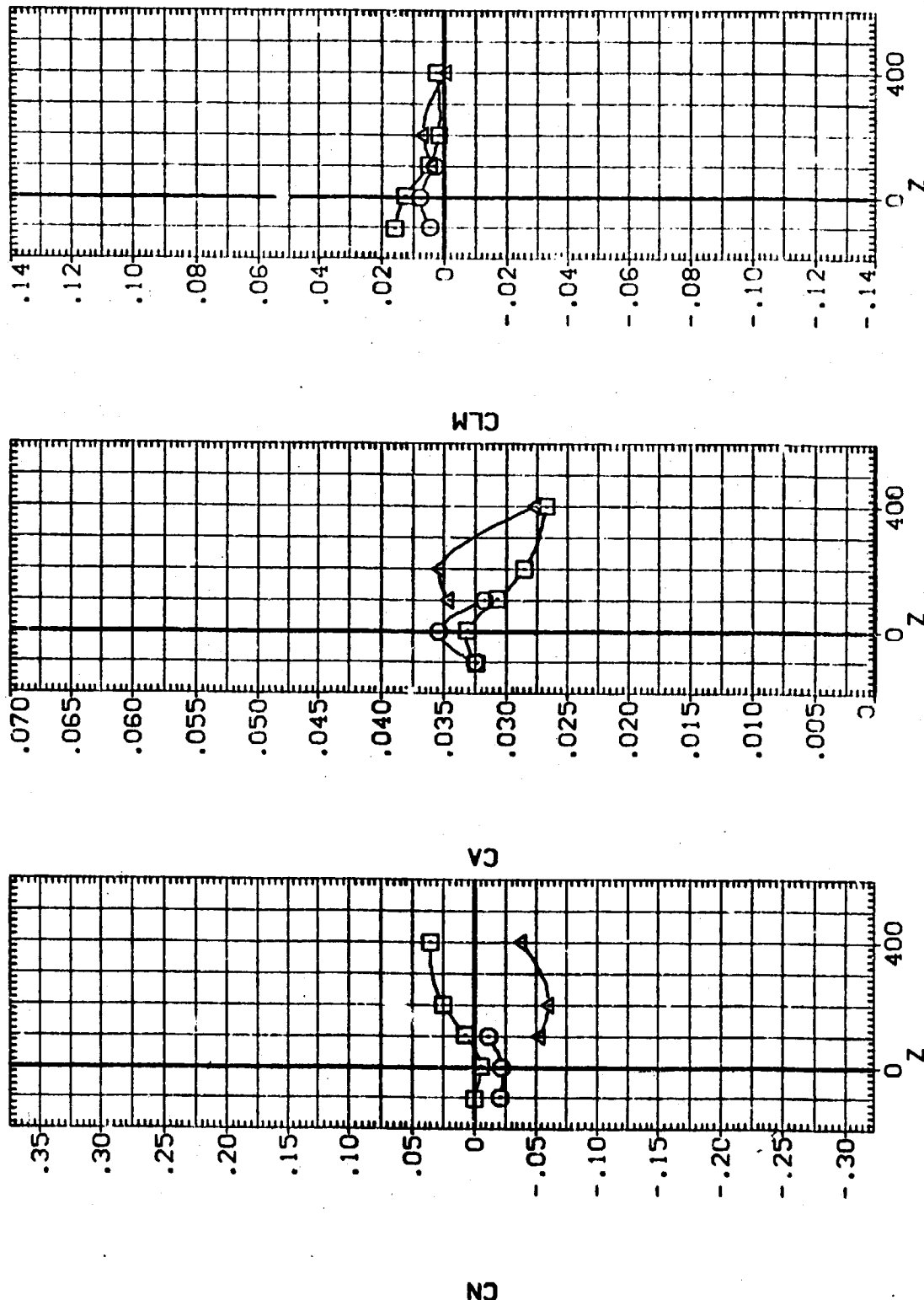


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(B)Y = 100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU26)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU269)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU270)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

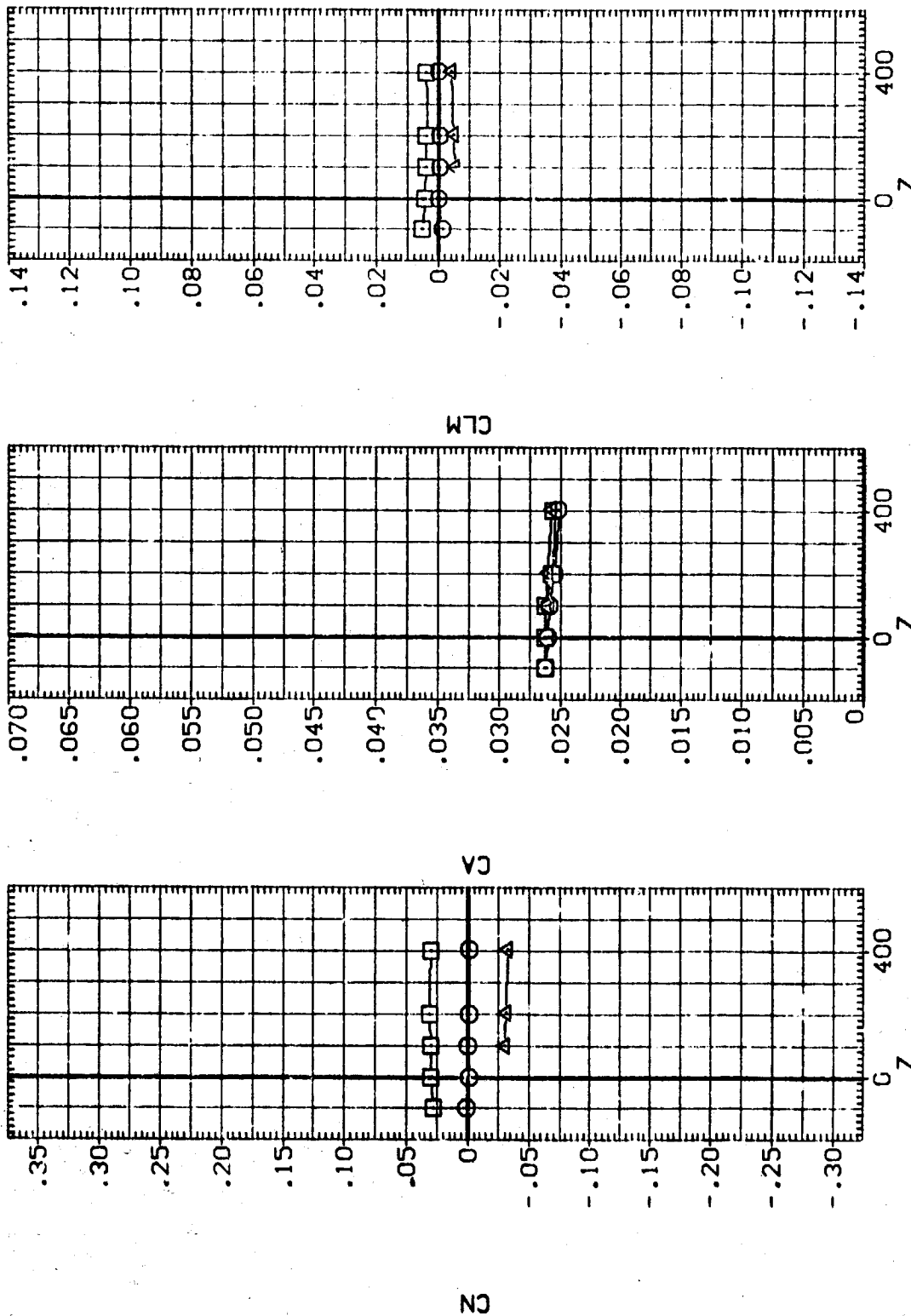


FIG.12 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-15.7)

(O)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU266)	AEDC/VA5281(A87)-01ET151-R/H	.200	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU268)	AEDC/VA5281(A87)-01ET151-R/H	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU270)	AEDC/VA5281(A87)-01ET151-R/H	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
						VMRP 1259.5000 IN. XS
						VMRP 400.0000 IN. YS
						SCALE .0100

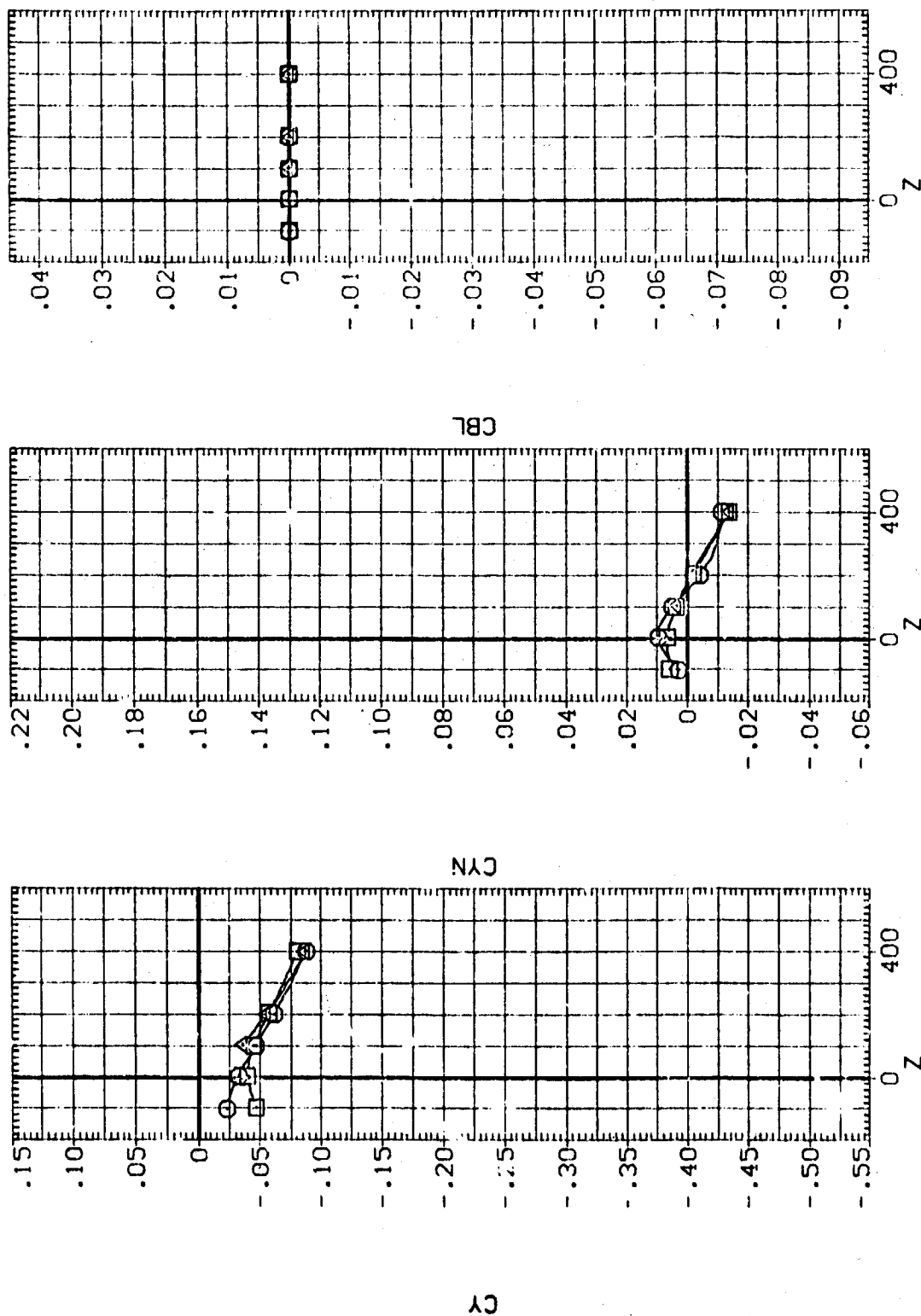


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU266) AEDC/VAS28(IAB7)-01ET1S1-R/H  
 (ATU269) AEDC/VAS28(IAB7)-01ET1S1-R/H  
 (ATU270) AEDC/VAS28(IAB7)-01ET1S1-R/H

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

DALPHA .200  
 .200  
 -4.800

DBETA .000  
 .000  
 .000

X .000  
 .000  
 .000

MACH 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1299.5000 IN. XS  
 YMRP 400.0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

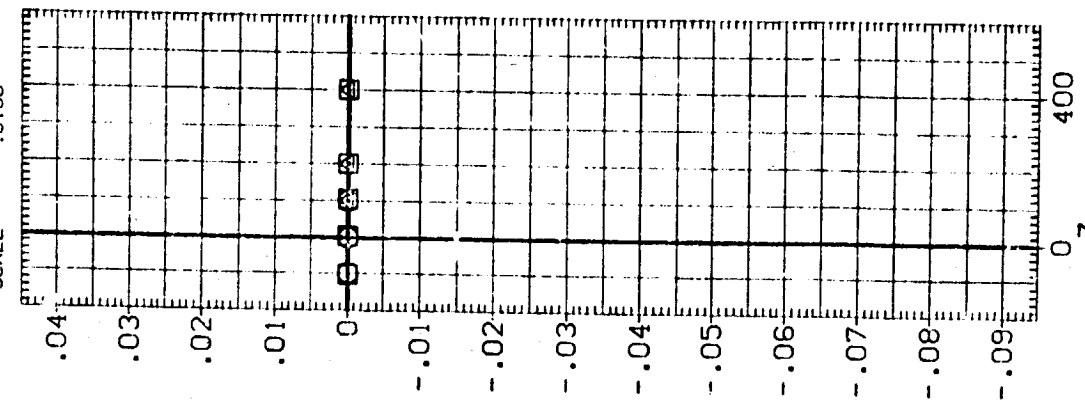
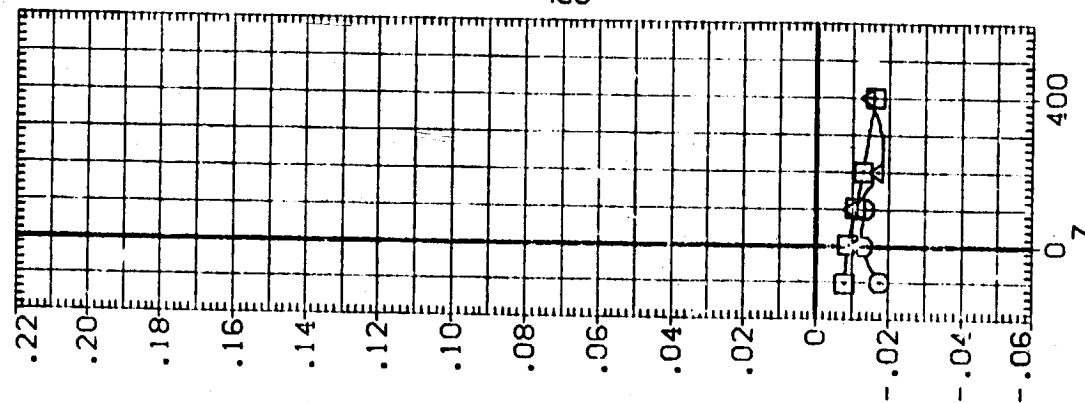
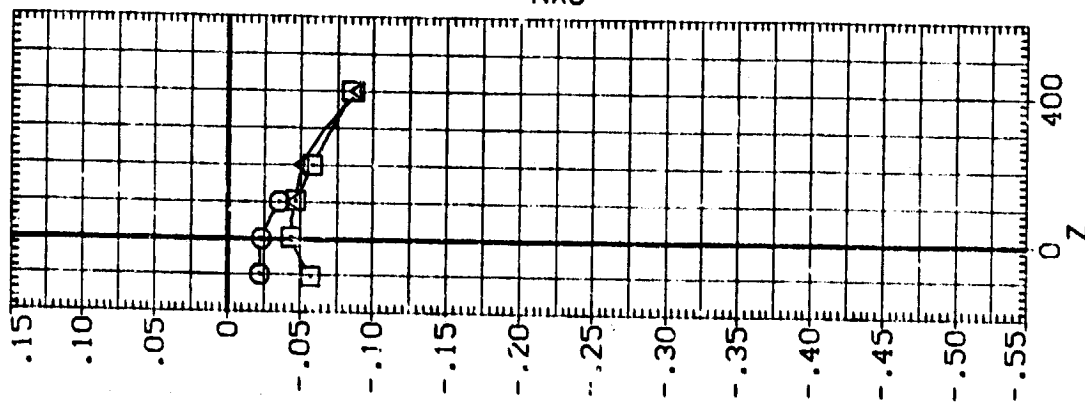


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

BJY = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU265)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.202	.000	.000	4.520	SREF 2650.0000 SO.FT.
(ATU269)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU270)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP 1258.5000 IN. YS
							ZMRP 400.1000 IN. ZS
							SCALE .0100

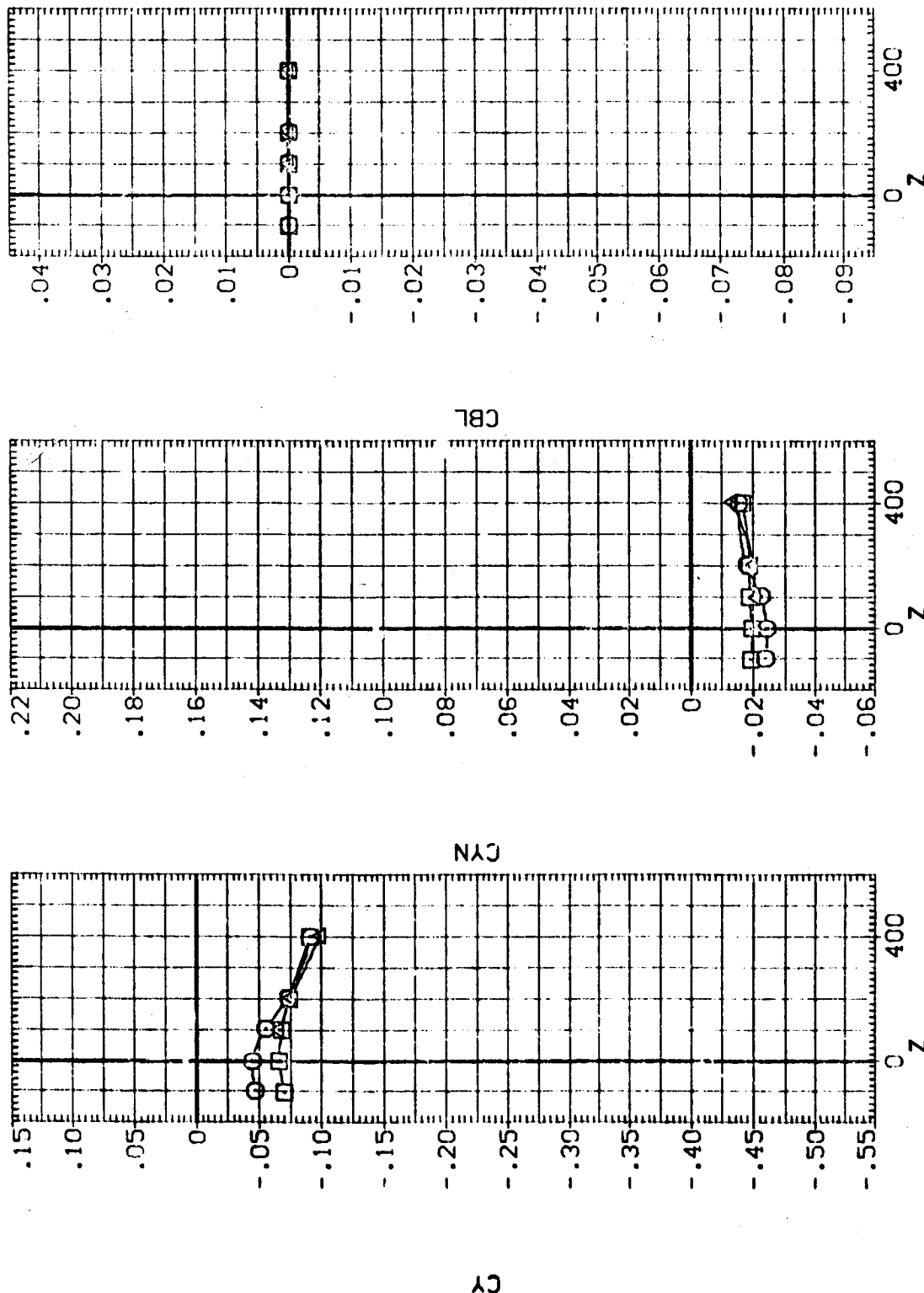


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(CY) = 200.00



# DATA SET SYMBOL

(ATU266)  
(ATU269)  
(ATU270)



## CONFIGURATION DESCRIPTION

AEDC/VA528(IAB7)-01ET1S1-R/H S/B SEPAR. FROM O/ET  
AEDC/VA528(IAB7)-01ET1S1-R/H SRB SEPAR. FROM O/ET  
AEDC/VA528(IAB7)-01ET1S1-R/H SRB SEPAR. FROM O/ET

## DALPHA

.000  
.000  
.000

## X

.000  
.000  
.000

## MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 50 FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1290.5000 IN. XS  
YMRP 1290.5000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

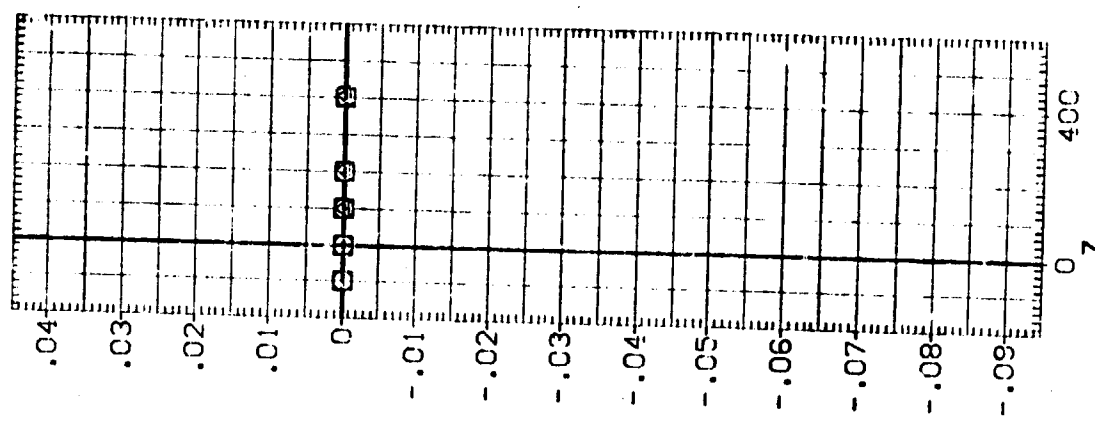
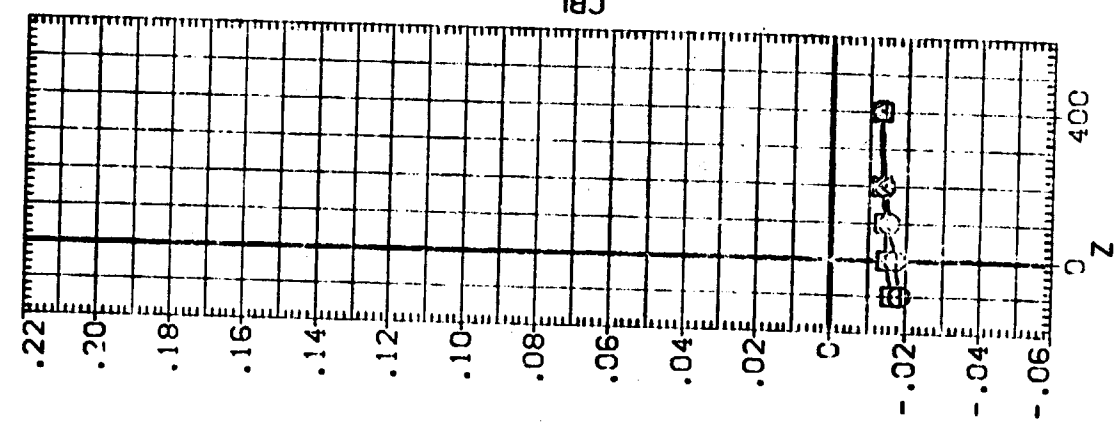
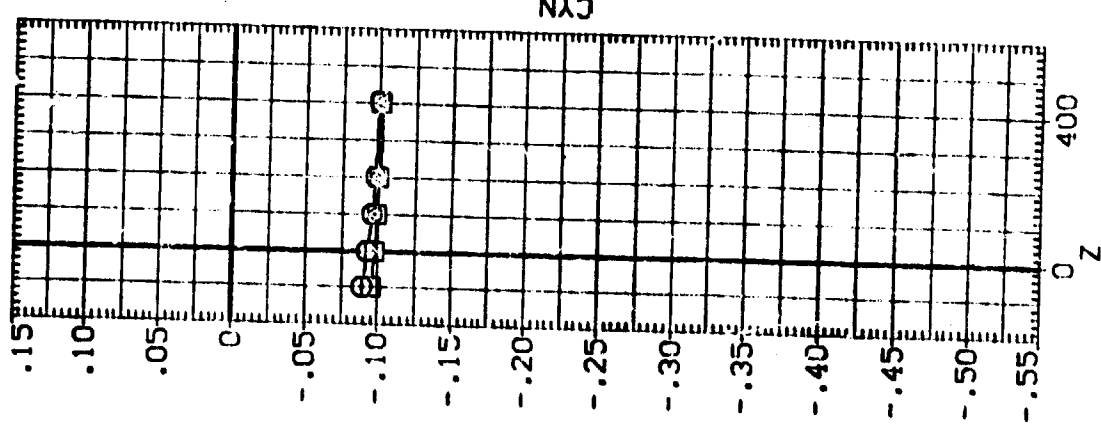


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)  
(CY)Y = 400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU257) AEDC/VAS28(1A87)-01ET151-R/H SRB SEPAR FROM O/ET  
 (ATU258) AEDC/VAS28(1A87)-31ET151-R/H SRB SEPAR FROM O/ET  
 (ATU271) AEDC/VAS28(1A87)-01ET151-R/H SRB SEPAR FROM O/ET

DALPHA DBETA X MACH REFERENCE INFORMATION  
 .200 .000 300.000 4.520 SREF 2590.0000 SO.FT.  
 5.200 .000 300.000 4.520 LREF 1290.3000 INCHES  
 -4.800 .000 300.000 4.520 BREF 1290.3000 INCHES  
 YMRP 258.5000 IN. XS  
 ZMRP .0000 IN. YS  
 SCALE 400.0000 IN. ZS

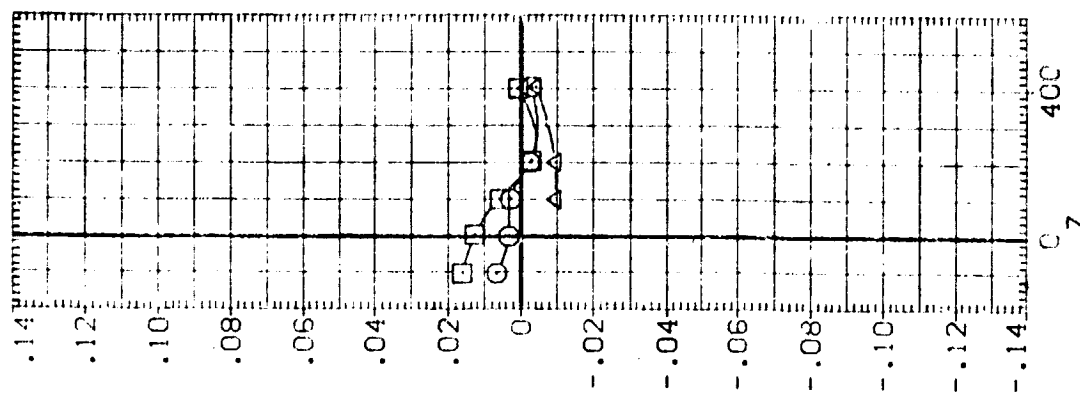
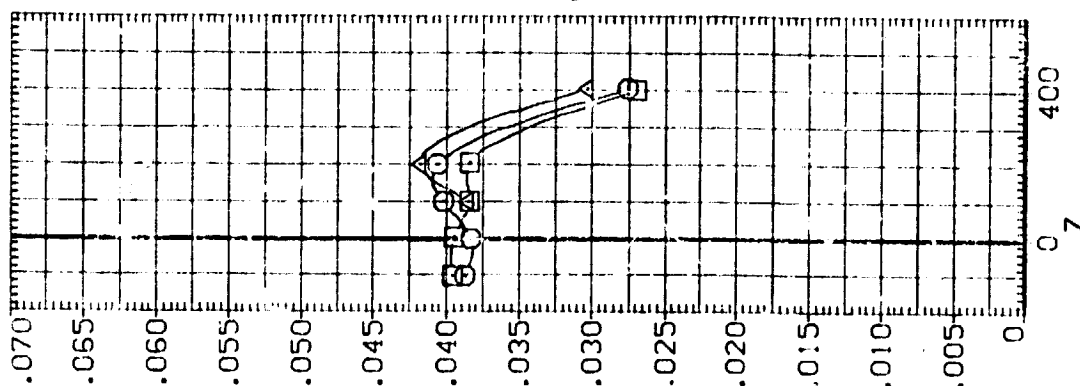
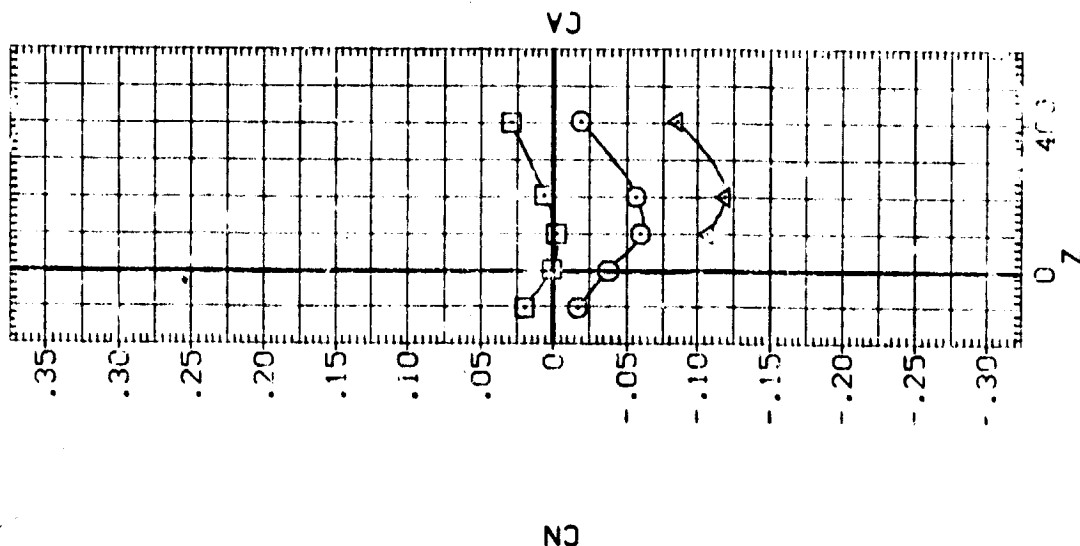


FIG.12 RIGHT SRB AERO CONTACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

CADY = 10.00

DATA SET SYMBOL    CONFIGURATION DESCRIPTION    SRB SEPAR. FROM O/ET    D/BETA    X    MACH    REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	D/BETA	X	MACH	REFERENCE INFORMATION
(ATU267)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	300.000	4.520	SREF 2690.0000 SQ. FT.
(ATU268)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU271)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1259.5000 IN. XS
						YMRP 400.0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0130

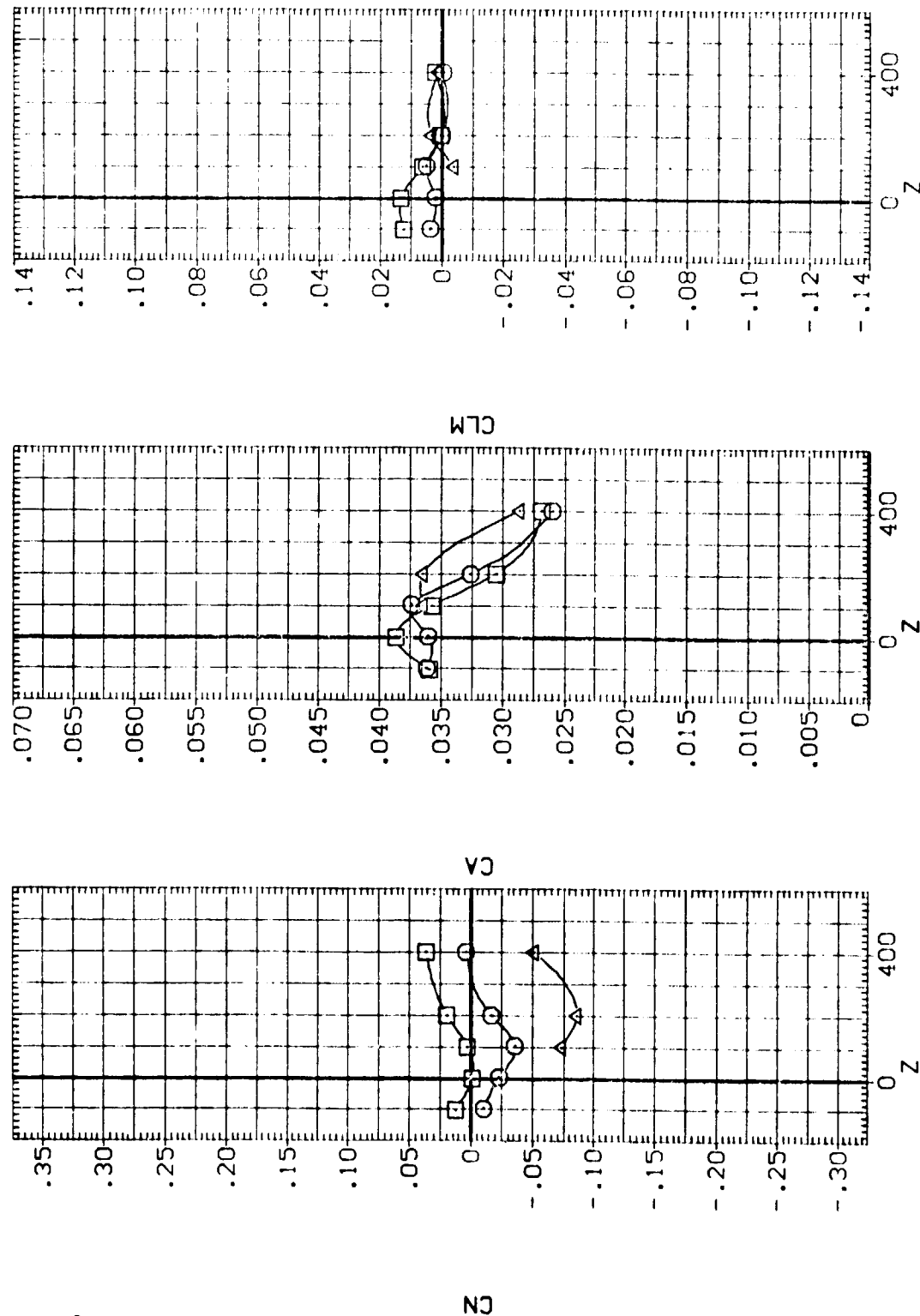


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU267)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU268)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU271)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	-4.800	.000	300.000	4.520	BREF 1290.3000 INCHES
							MRP 1258 5000 IN. XS
							YMRP .0030 IN. YS
							ZMRP .0030 IN. ZS
							SCALE .0100

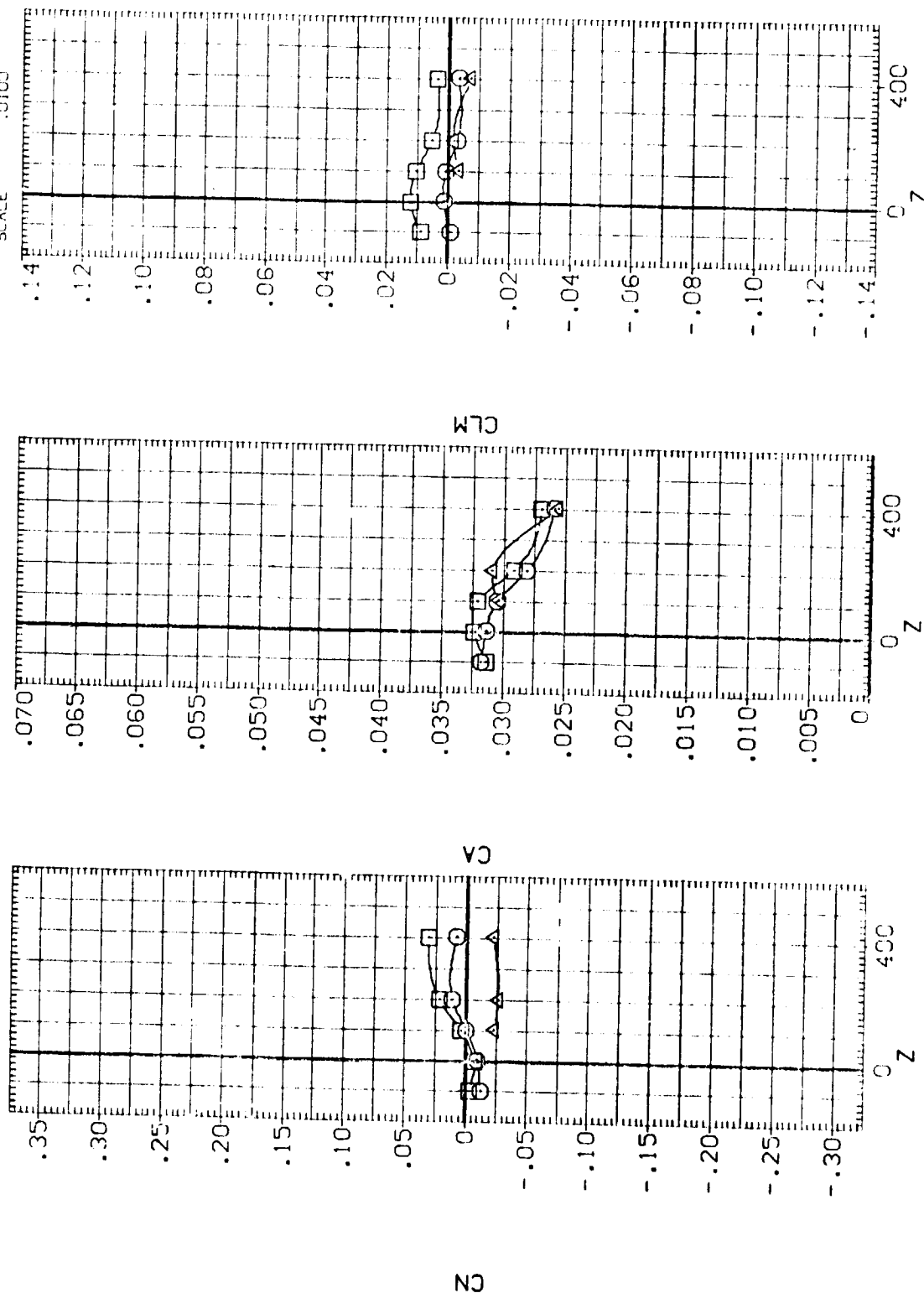


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU267)	AEDC/VAS28(1A87)-01ETISI-R/H	.200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU268)	AEDC/VAS28(1A87)-01ETISI-R/H	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU271)	AEDC/VAS28(1A87)-01ETISI-R/H	-4.800	.000	300.000	4.520	BREF 1290.3000 INCHES
						MRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

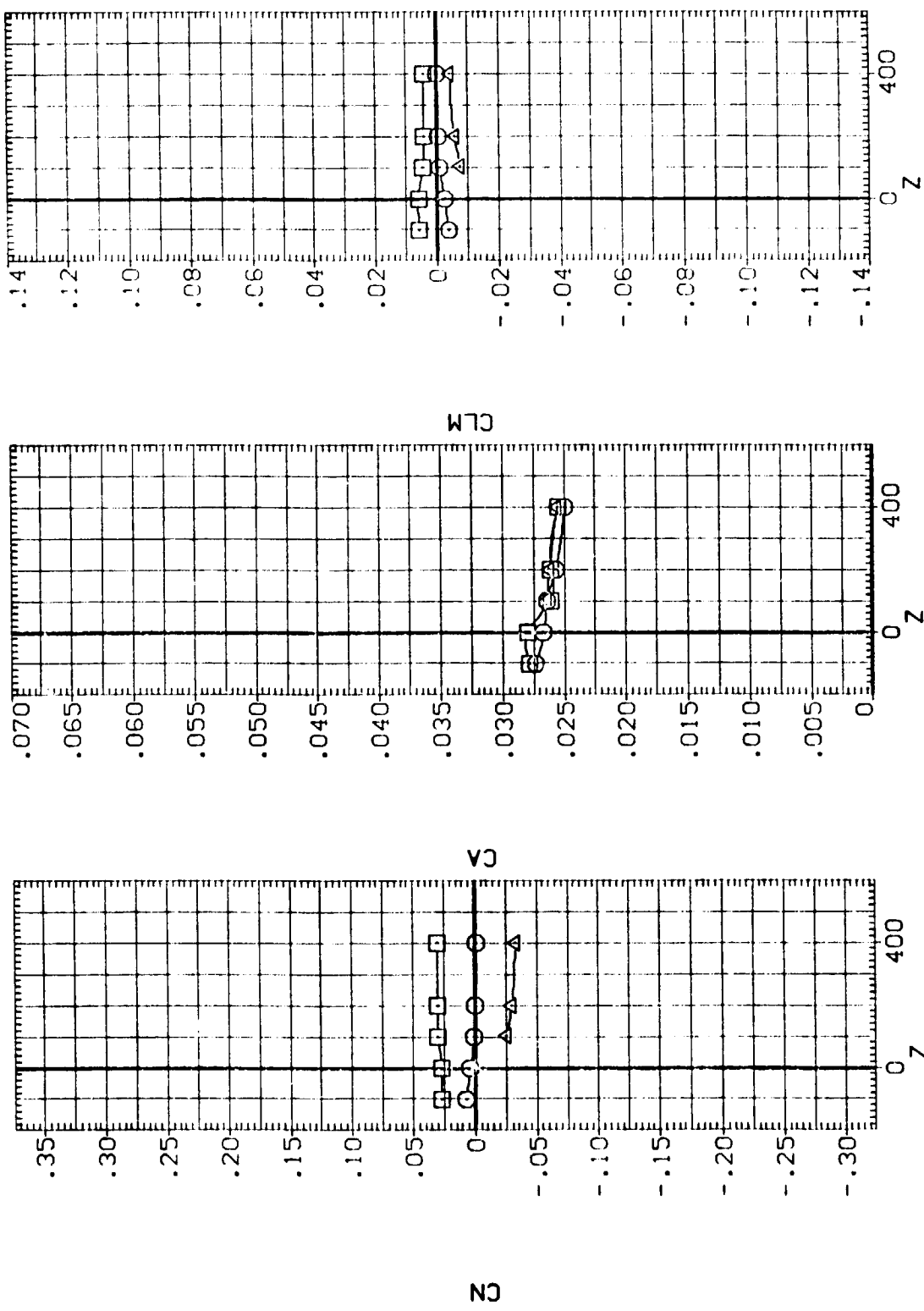


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU267)	AEDC/VA528(1A87)-01ET1SI-R/H	SRB SEPAR. FROM O/E	.200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU268)	AEDC/VA528(1A87)-01ET1SI-R/H	SRB SEPAR. FROM O/E	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU271)	AEDC/VA528(1A87)-01ET1SI-R/H	SRB SEPAR. FROM O/E	-4.800	.000	300.000	4.520	BREF 1290.3000 INCHES
							XREF 1258.5000 IN. XS
							YREF .0000 IN. YS
							ZREF 400.0000 IN. ZS
							SCALE .0100

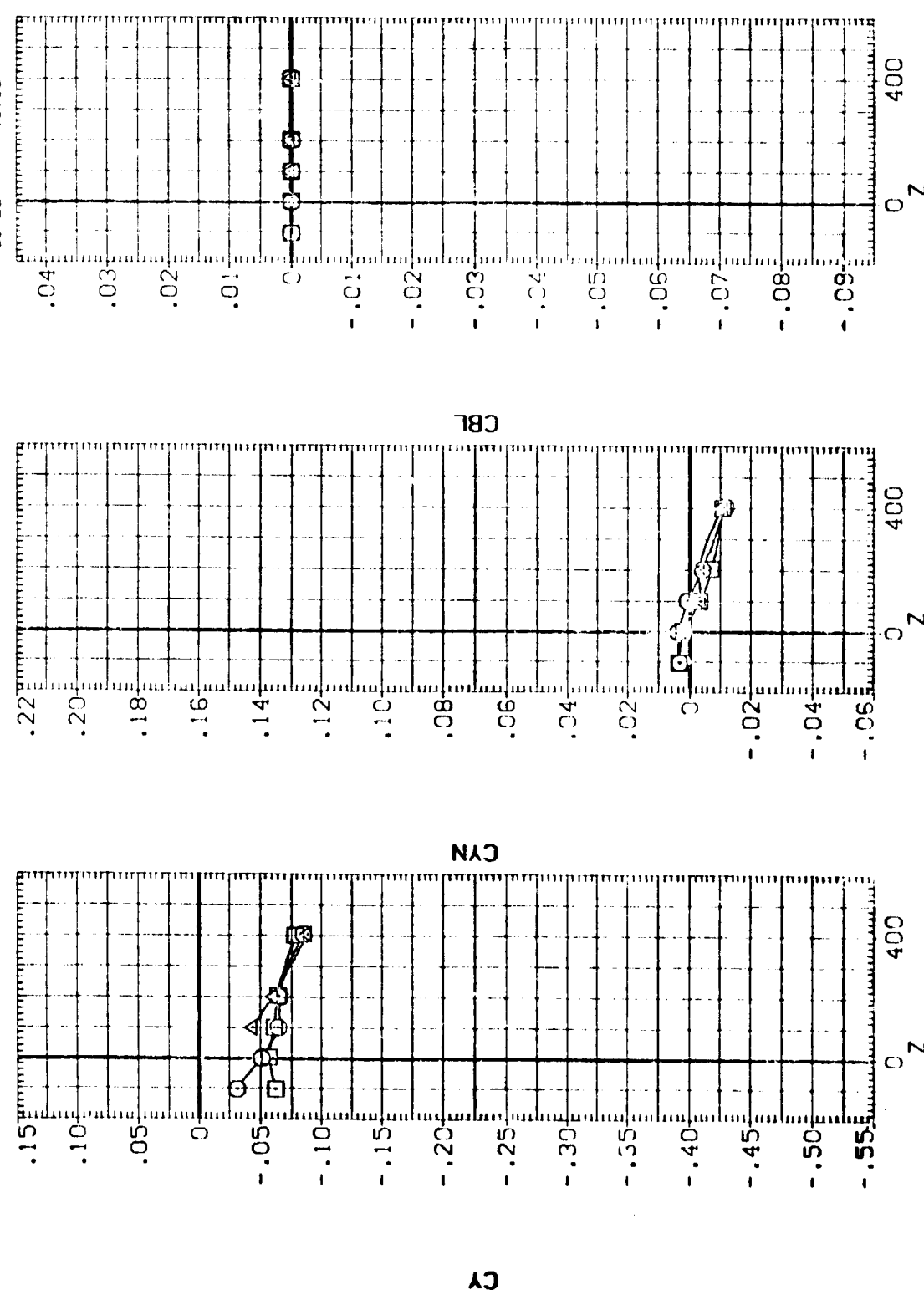


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/E (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

# DATA SET SYMBOL

(ATU267)  
(ATU268)  
(ATU271)

# CONFIGURATION DESCRIPTION

AEDC/VAS281(A87)-01ET1SI-R/H  
AEDC/VAS281(A87)-01ET1SI-R/H  
AEDC/VAS281(A87)-01ET1SI-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

# DALPHA

.200  
5.200  
-4.800

# DBETA

.000  
.000  
.000

# X

300.000  
300.000  
300.000

# MACH

4.520  
4.520  
4.520

# REFERENCE INFORMATION

SREF 2690.0000 50 FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP .258 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

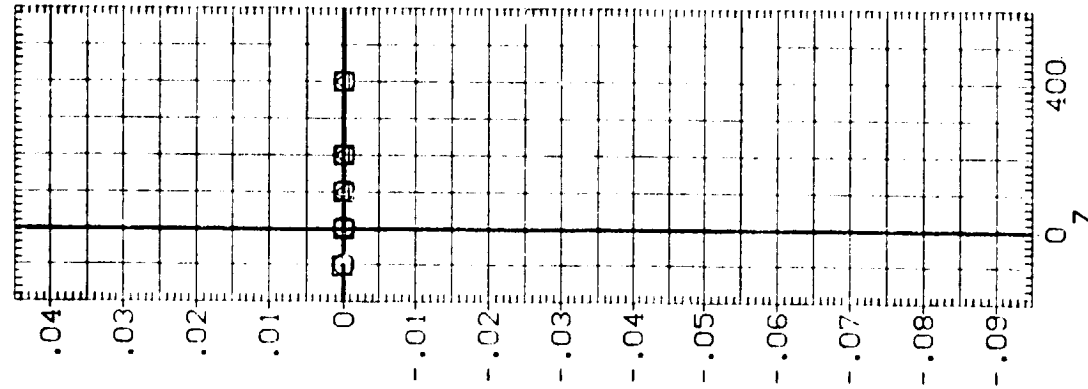
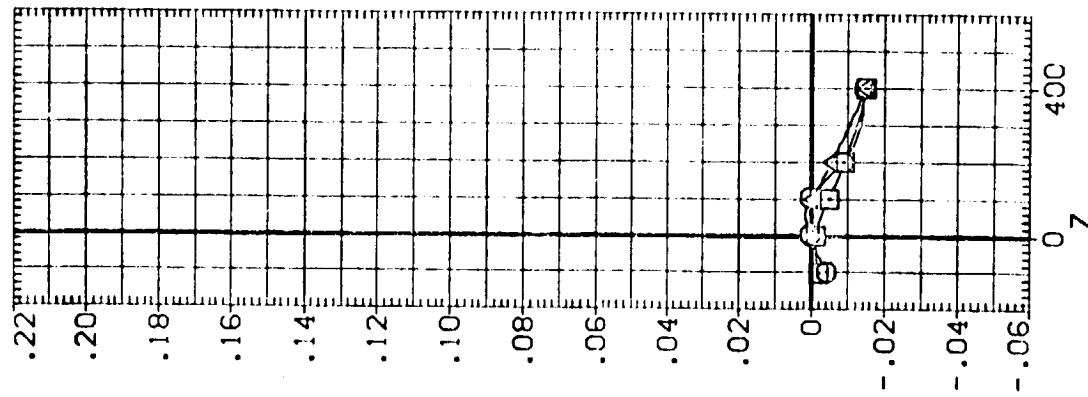
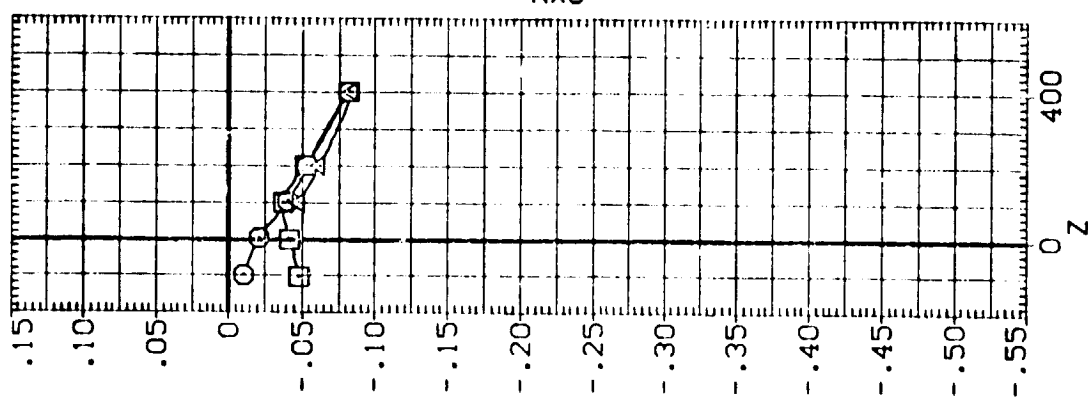


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(B)Y = 100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU267) AEDC/VAS28(1A87)-O1ETIS1-R/H SRB SEPAR. FROM O/E  
 (ATU268) AEDC/VAS28(1A87)-O1ETIS1-R/H SRB SEPAR. FROM O/E  
 (ATU271) AEDC/VAS28(1A87)-O1ETIS1-R/H SRB SEPAR. FROM O/E

REFERENCE INFORMATION  
 SREF 2690.0000 SQ. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 VARP 1258.5000 IN. YS  
 VARP 1000 IN. ZS  
 VARP 400.0000 IN. ZS  
 SCALE .0100

MACH X DBETA  
 4.520 300.000  
 4.520 300.000  
 4.520 300.000

DALPHA  
 .200  
 5.200  
 -4.800

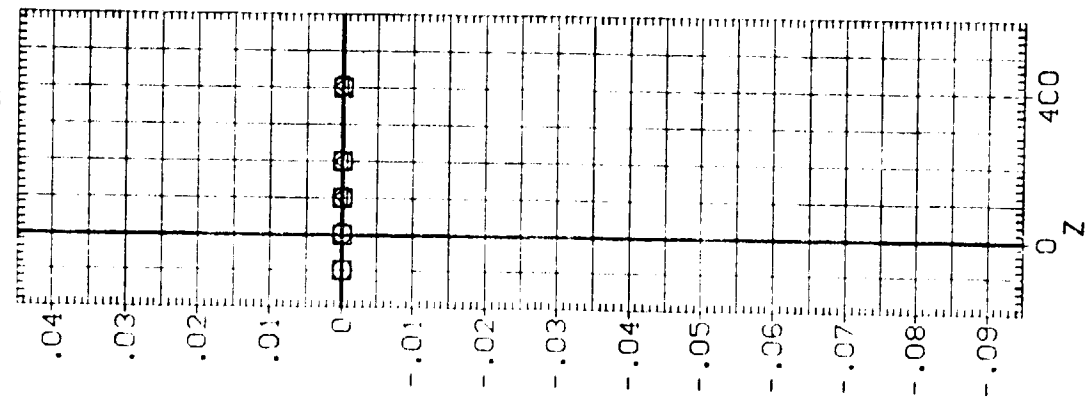
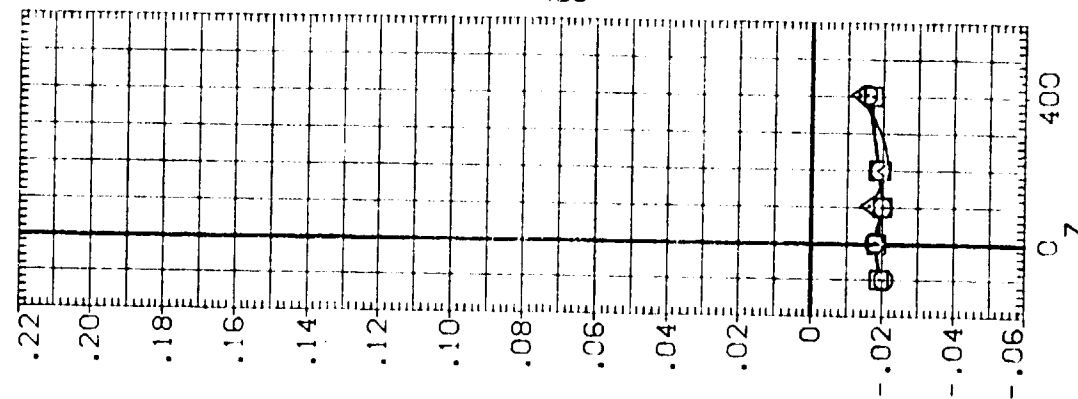
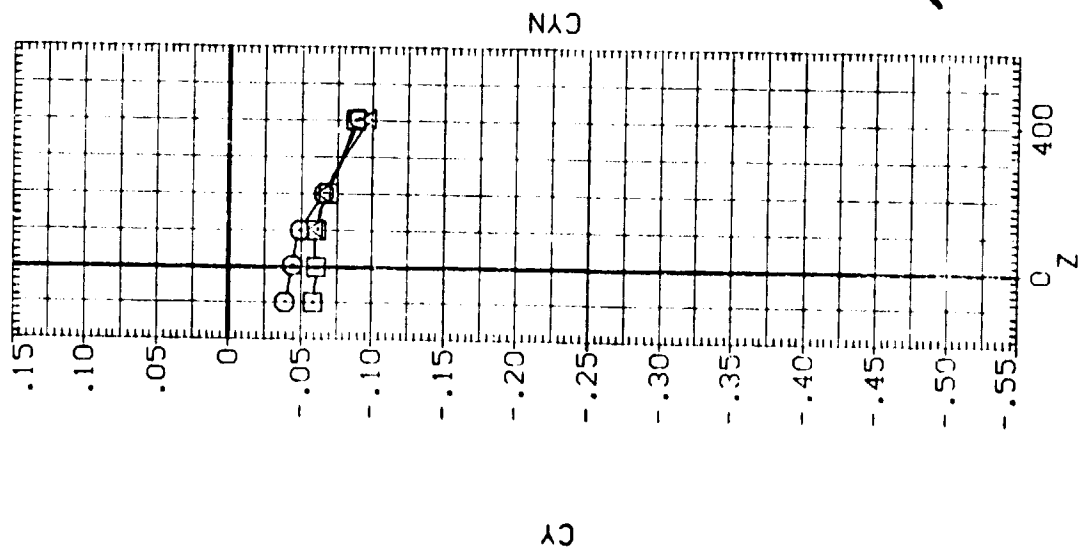


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/E (ALPHA=-.5 BETA=15.7)  
 (C)Y = 200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU267)	AEDC/VAS28(IAB7)-O1ETIS1-R/H	.200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU268)	AEDC/VAS28(IAB7)-O1ETIS1-R/H	5.200	.000	300.000	4.520	SREF 1290.3000 INCHES
(ATU271)	AEDC/VAS28(IAB7)-O1ETIS1-R/H	-4.800	.000	300.000	4.520	SREF 1290.3000 INCHES
						WREF 1258.5000 IN. XS
						WREF 1.0000 IN. YS
						WREF 400.0000 IN. ZS
						SCALE .0100

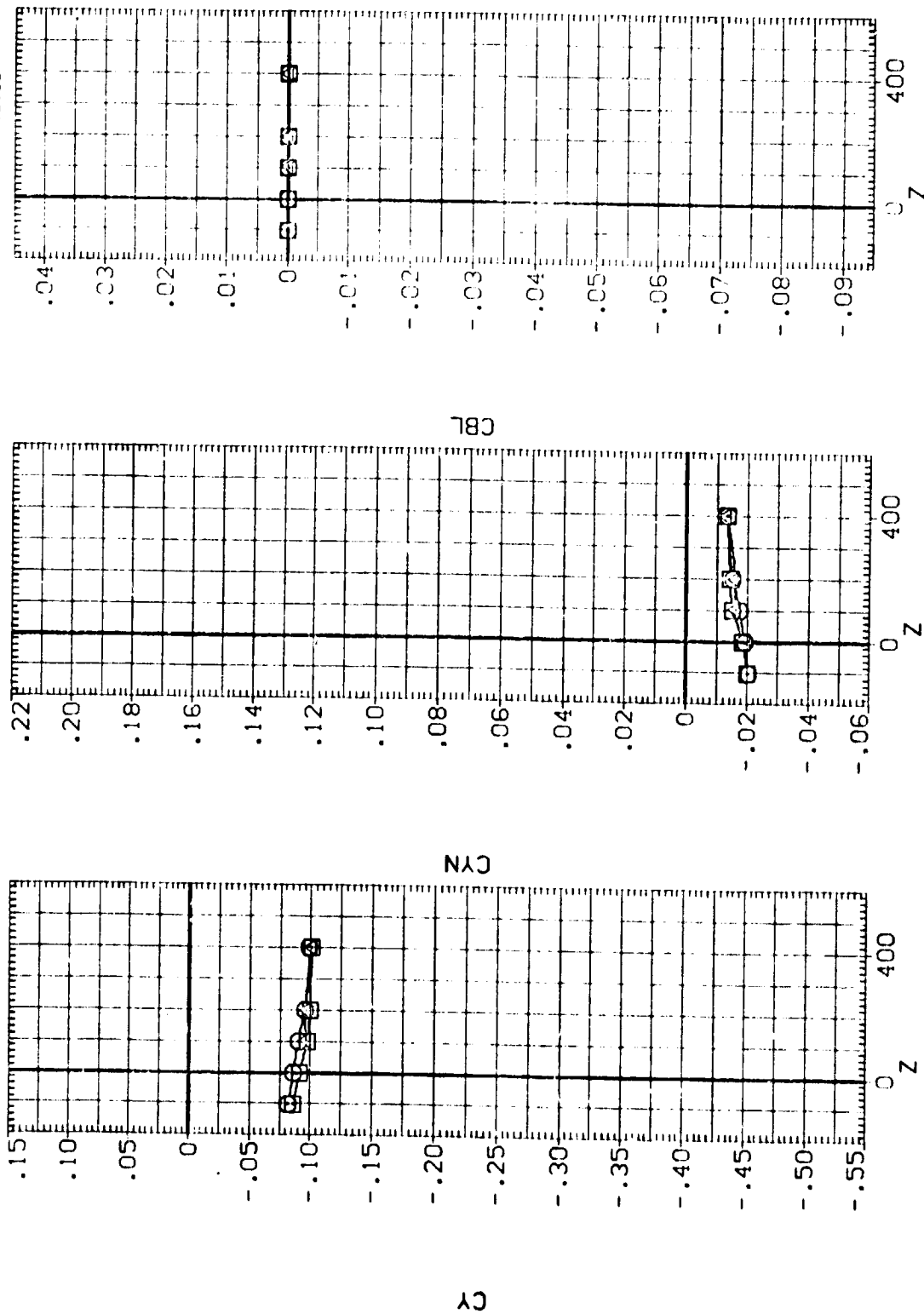


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-15.7)

(D)Y = 400.00



DATA SET SYMBOL  
(ATU272)  
(ATU275)  
(ATU278)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ET1SI-R/H  
AEDC/VAS28(1A87)-01ET1SI-R/H  
AEDC/VAS28(1A87)-01ET1SI-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA DBETA  
.200 -4.000  
5.200 -4.000  
-4.800 -4.000

MACH X  
4.520 .000  
4.520 .000  
4.520 .000

REFERENCE INFORMATION  
SREF 2590.0000 SQ.FT.  
ISREF 250.3000 INCHES  
BSREF 250.3000 INCHES  
NREF 158.5000 IN. YS  
NREF 400.0000 IN. ZS  
SCALE 0.00

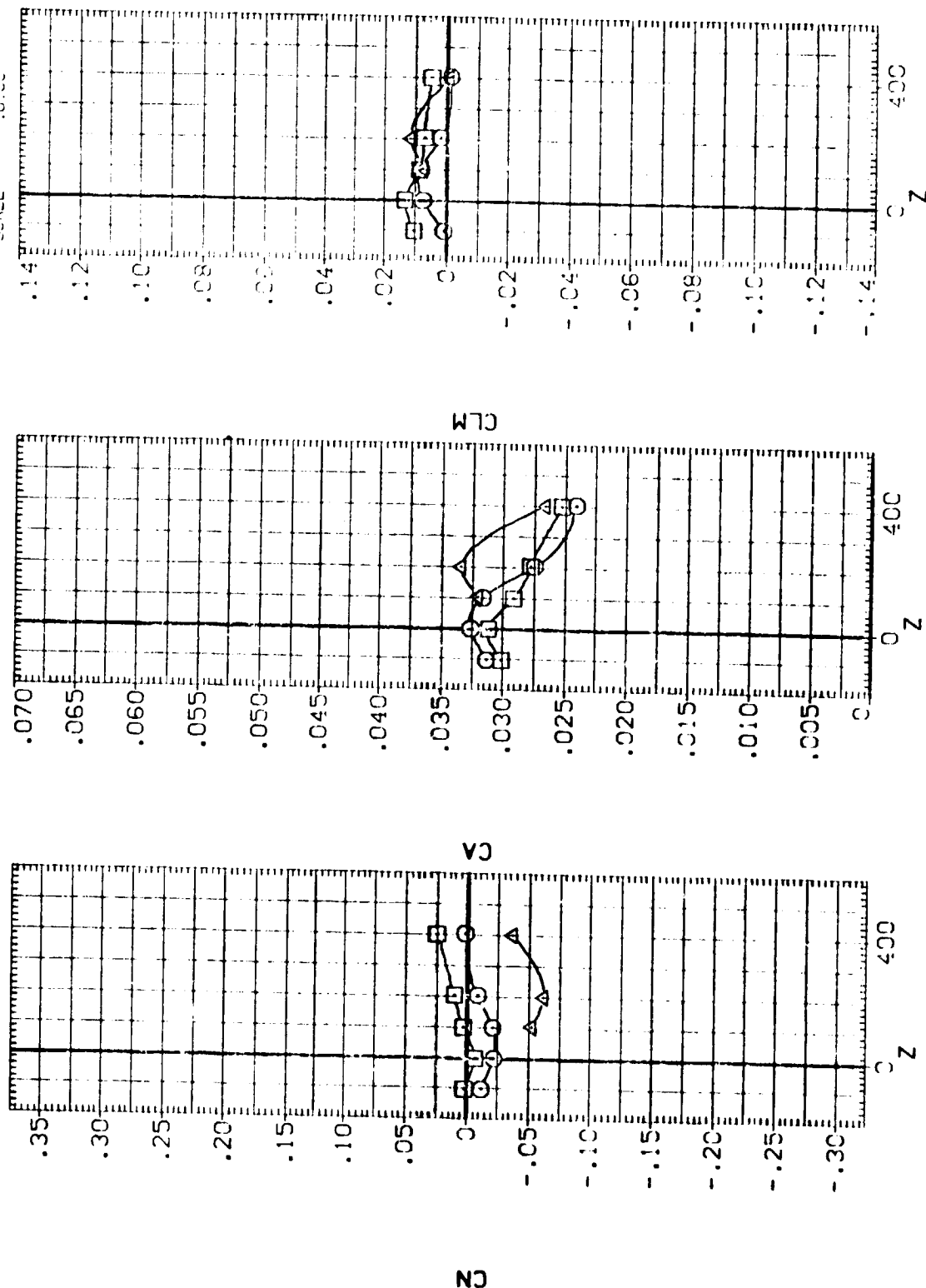


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)  
(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(ATU272)	AEDC/VAS28(1AB7)	-O1ET:SI-R/H
(ATU275)	AEDC/VAS28(1AB7)	-O1ET:SI-R/H
(ATU276)	AEDC/VAS28(1AB7)	-O1ET:SI-R/H

SPB SEPAR. FROM C/ET  
SPB SEPAR. FROM C/ET  
SPB SEPAR. FROM C/ET

DATE	DESCRIPTION	AMOUNT
10/1/78	PAID TO	100.00
10/2/78	PAID TO	200.00
10/3/78	PAID TO	300.00
10/4/78	PAID TO	400.00
10/5/78	PAID TO	500.00
10/6/78	PAID TO	600.00
10/7/78	PAID TO	700.00
10/8/78	PAID TO	800.00
10/9/78	PAID TO	900.00
10/10/78	PAID TO	1000.00
10/11/78	PAID TO	1100.00
10/12/78	PAID TO	1200.00
10/13/78	PAID TO	1300.00
10/14/78	PAID TO	1400.00
10/15/78	PAID TO	1500.00
10/16/78	PAID TO	1600.00
10/17/78	PAID TO	1700.00
10/18/78	PAID TO	1800.00
10/19/78	PAID TO	1900.00
10/20/78	PAID TO	2000.00
10/21/78	PAID TO	2100.00
10/22/78	PAID TO	2200.00
10/23/78	PAID TO	2300.00
10/24/78	PAID TO	2400.00
10/25/78	PAID TO	2500.00
10/26/78	PAID TO	2600.00
10/27/78	PAID TO	2700.00
10/28/78	PAID TO	2800.00
10/29/78	PAID TO	2900.00
10/30/78	PAID TO	3000.00
10/31/78	PAID TO	3100.00
11/1/78	PAID TO	3200.00
11/2/78	PAID TO	3300.00
11/3/78	PAID TO	3400.00
11/4/78	PAID TO	3500.00
11/5/78	PAID TO	3600.00
11/6/78	PAID TO	3700.00
11/7/78	PAID TO	3800.00
11/8/78	PAID TO	3900.00
11/9/78	PAID TO	4000.00
11/10/78	PAID TO	4100.00
11/11/78	PAID TO	4200.00
11/12/78	PAID TO	4300.00
11/13/78	PAID TO	4400.00
11/14/78	PAID TO	4500.00
11/15/78	PAID TO	4600.00
11/16/78	PAID TO	4700.00
11/17/78	PAID TO	4800.00
11/18/78	PAID TO	4900.00
11/19/78	PAID TO	5000.00
11/20/78	PAID TO	5100.00
11/21/78	PAID TO	5200.00
11/22/78	PAID TO	5300.00
11/23/78	PAID TO	5400.00
11/24/78	PAID TO	5500.00
11/25/78	PAID TO	5600.00
11/26/78	PAID TO	5700.00
11/27/78	PAID TO	5800.00
11/28/78	PAID TO	5900.00
11/29/78	PAID TO	6000.00
11/30/78	PAID TO	6100.00
12/1/78	PAID TO	6200.00
12/2/78	PAID TO	6300.00
12/3/78	PAID TO	6400.00
12/4/78	PAID TO	6500.00
12/5/78	PAID TO	6600.00
12/6/78	PAID TO	6700.00
12/7/78	PAID TO	6800.00
12/8/78	PAID TO	6900.00
12/9/78	PAID TO	7000.00
12/10/78	PAID TO	7100.00
12/11/78	PAID TO	7200.00
12/12/78	PAID TO	7300.00
12/13/78	PAID TO	7400.00
12/14/78	PAID TO	7500.00
12/15/78	PAID TO	7600.00
12/16/78	PAID TO	7700.00
12/17/78	PAID TO	7800.00
12/18/78	PAID TO	7900.00
12/19/78	PAID TO	8000.00
12/20/78	PAID TO	8100.00
12/21/78	PAID TO	8200.00
12/22/78	PAID TO	8300.00
12/23/78	PAID TO	8400.00
12/24/78	PAID TO	8500.00
12/25/78	PAID TO	8600.00
12/26/78	PAID TO	8700.00
12/27/78	PAID TO	8800.00
12/28/78	PAID TO	8900.00
12/29/78	PAID TO	9000.00
12/30/78	PAID TO	9100.00
12/31/78	PAID TO	9200.00
1/1/79	PAID TO	9300.00
1/2/79	PAID TO	9400.00
1/3/79	PAID TO	9500.00
1/4		

0000

4.520  
4.520

REFERENCE	INFORMATION
2590	0000
2591	0000
2592	0000
2593	0000
2594	0000
2595	0000
2596	0000
2597	0000
2598	0000
2599	0000

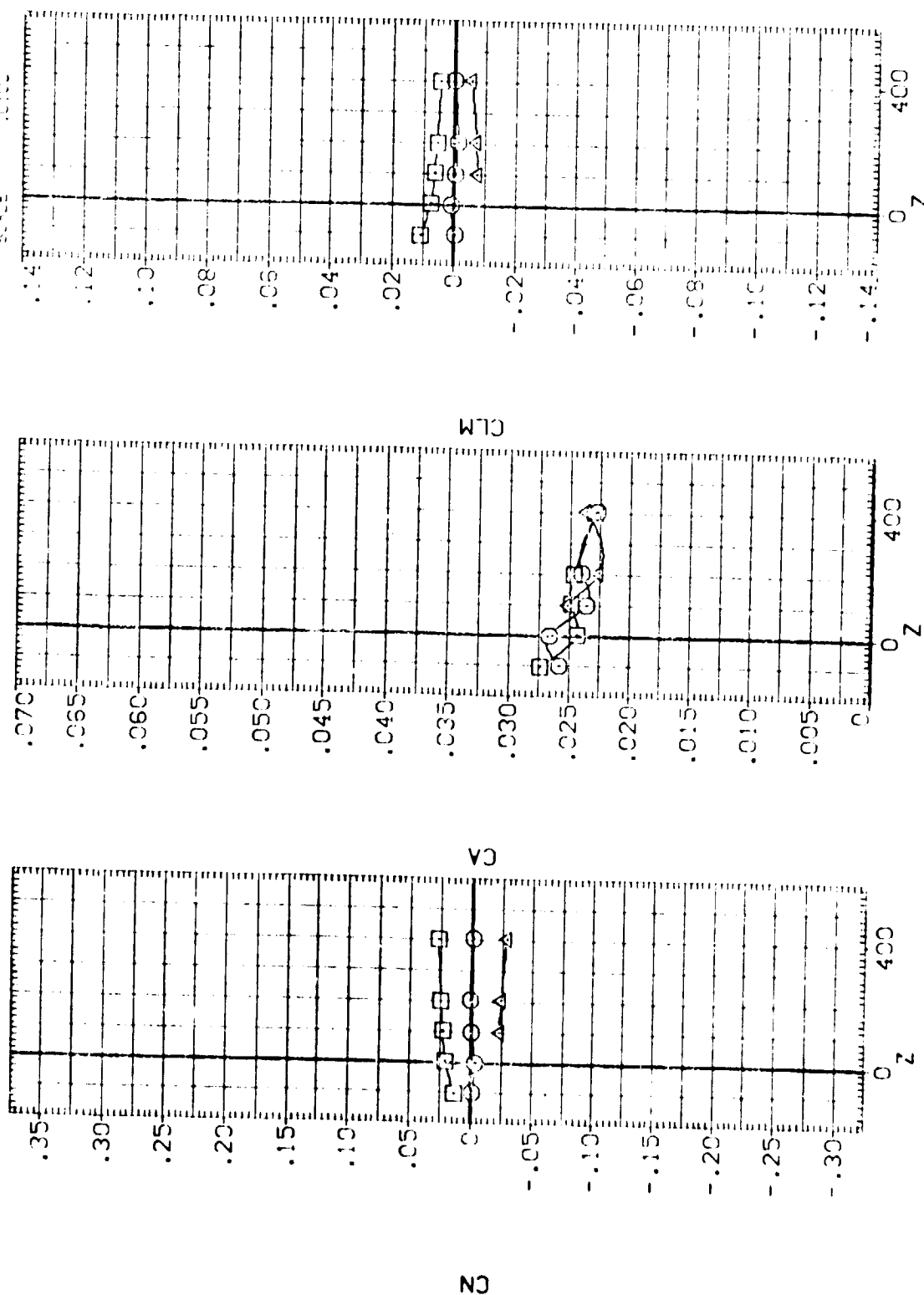


FIG.12 RIGHT SRB AERO CHARACTERISTICS FROM Q/ET (ALPHA=-.5 BETA=15.7)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/ET	DELTA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU272)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	200	-4.000	.000	4.520	SRB 2690.0000 50.FT.
(ATU275)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	5.200	-4.000	.000	4.520	SRB 290.3000 INCHES
(ATU276)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	-4.800	-4.000	.000	4.520	SRB 290.3000 INCHES
							SRB 258.5000 IN. YS
							SRB 400.0000 IN. YS
							SCALE .0100

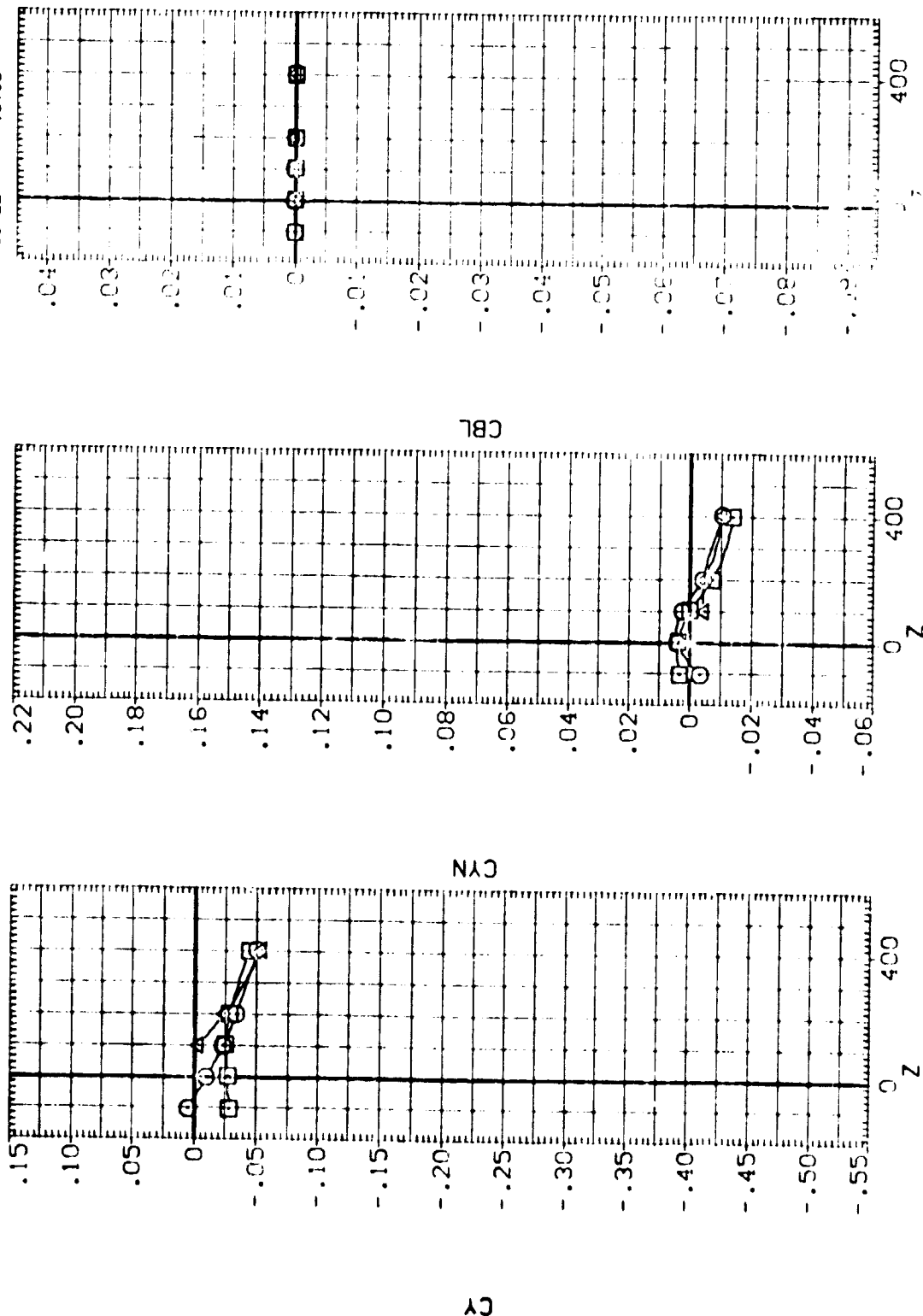


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-0.25, A=15.7)

(B)Y = 100.00





DATA SET SYMBOL		CONFIGURATION DESCRIPTION		SEPAR. FROM O/E <sup>†</sup>		D $\beta$ E $\alpha$		X		MACH		REFERENCE INFORMATION	
(ATU273)	□	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>
(ATU274)	○	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>
(ATU277)	△	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>	SEPAR. FROM O/E <sup>†</sup>

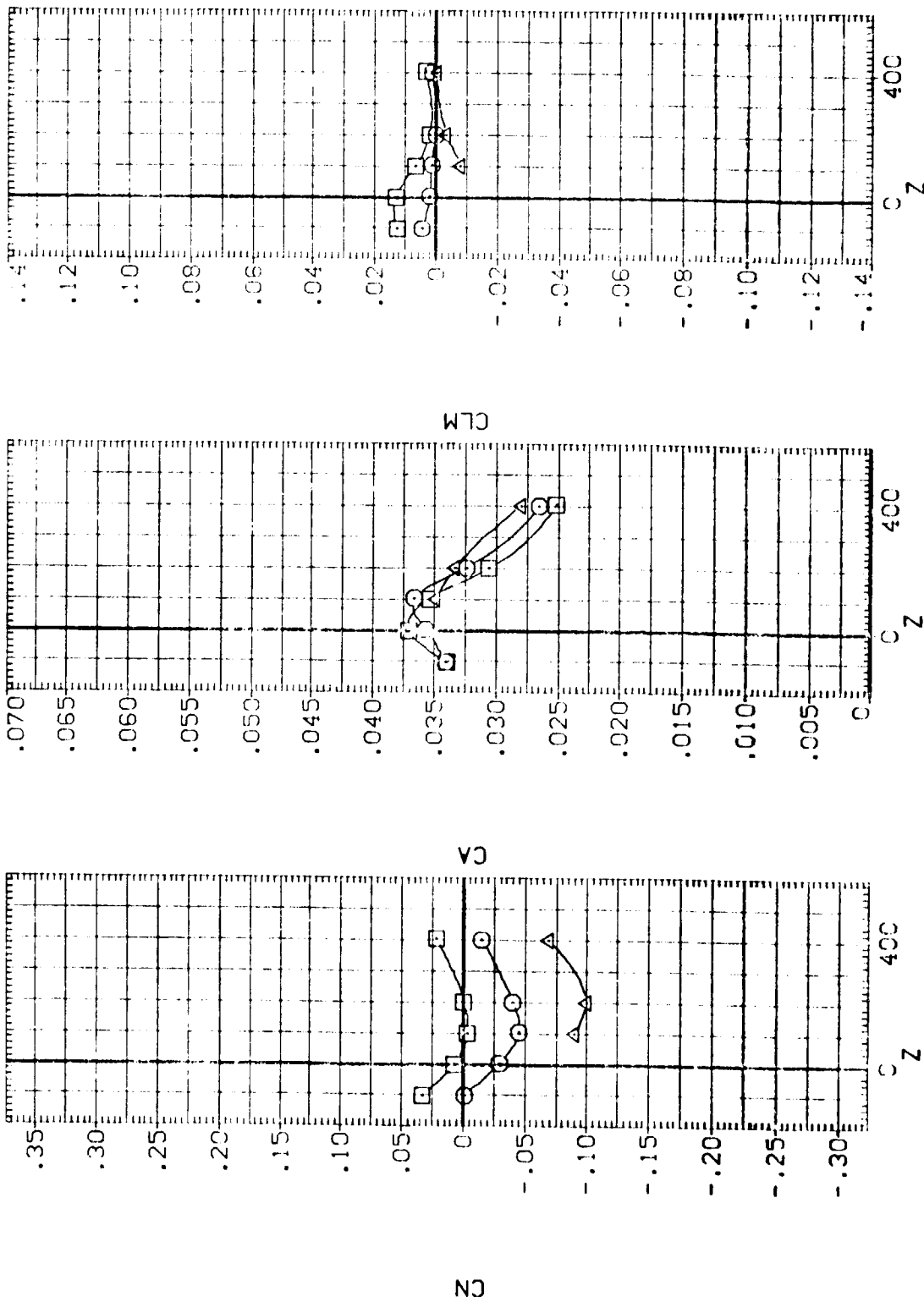


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/E<sup>†</sup> (ALPHA=-.5 BETA=15.7)

(B)Y = 100.00



( ATU273 )  
( ATU274 )  
( ATU277 )

AEDC/VAS28(I A87) -O1ETIS1 -R/H  
AEDC/VAS28(I A87) -O1ETIS1 -R/H  
AEDC/VAS28(I A87) -O1ETIS1 -R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DA: PMA

V1380

x

**X**  
**300.000**  
**300.000**  
**300.000**

MACH  
4.520  
4.520  
4.520

SCALE  
ZMPDP  
YMPDP  
XMPDP  
BREF  
LREF  
SREF  
REF

INCE INFOR

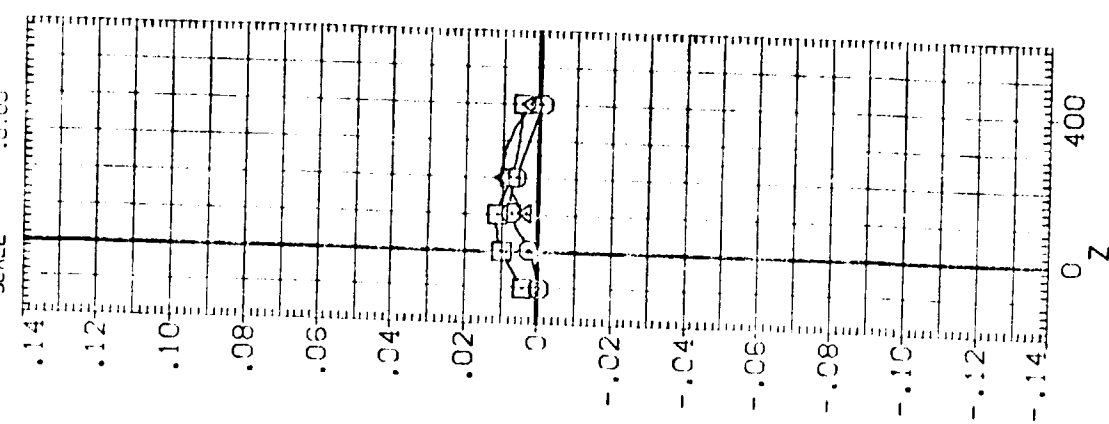
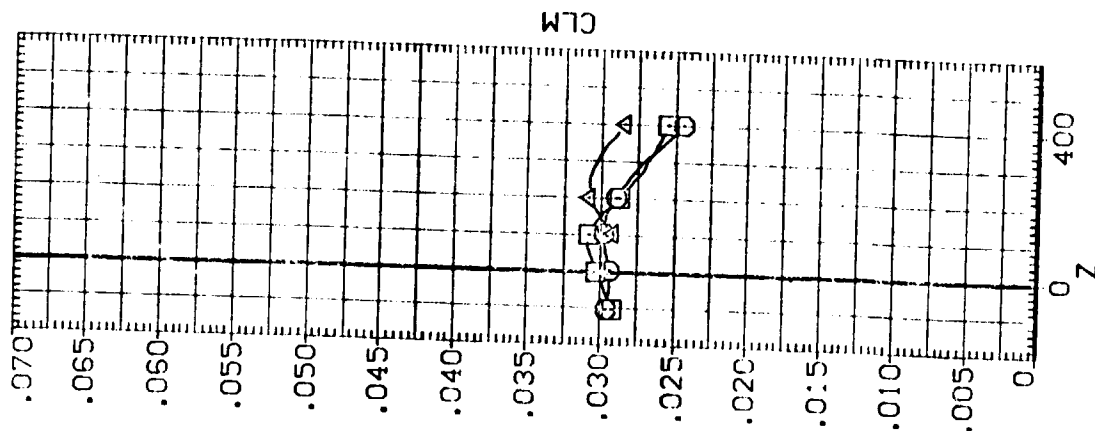
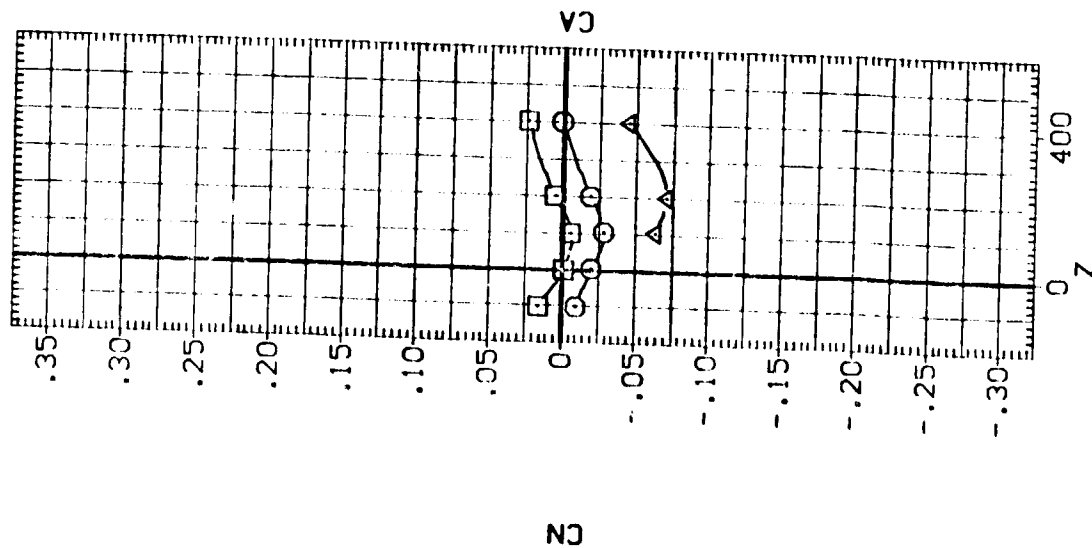


FIG.12 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=-.5 BETA=15.7)  
(C)Y = 200.00



( ATU273 )  
( ATU274 )  
( ATU277 )

( ATU273 )  
( ATU274 )  
( ATU277 )

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA	DBETA
.200	-4.000
5.200	-4.000
-4.800	-4.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION			
SREF	2690.0000	SQ.FT.	
LRFF	1290.3000	INCHES	
BRFF	1290.3000	INCHES	
ANRP	258.5000	IN. XS	
VMRP	0000	IN. YS	
ZMRP	400.0000	IN. ZS	
SCALE	0.100		

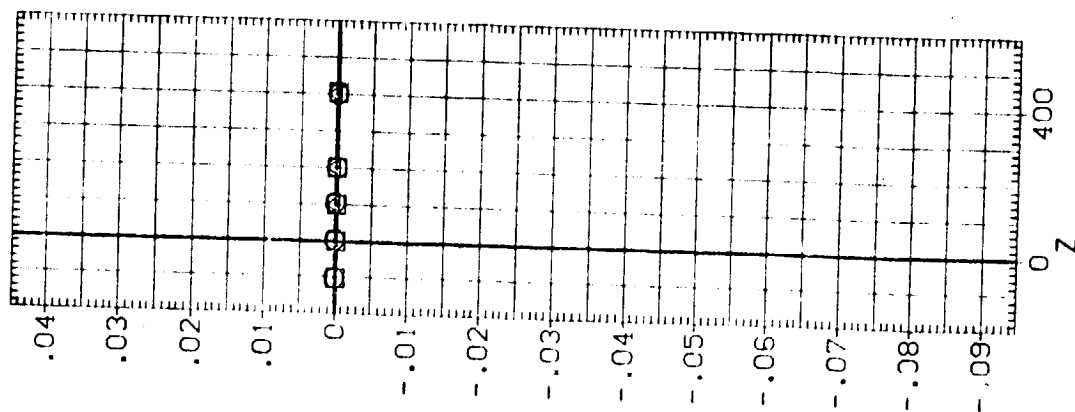
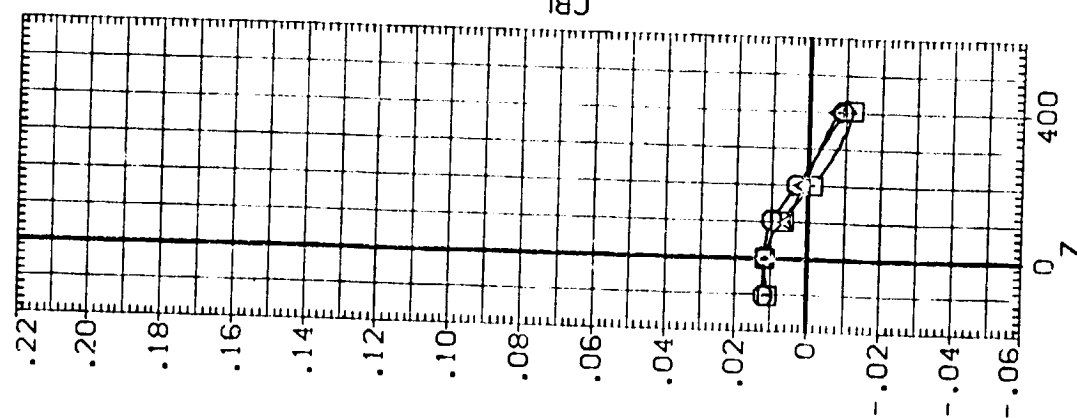
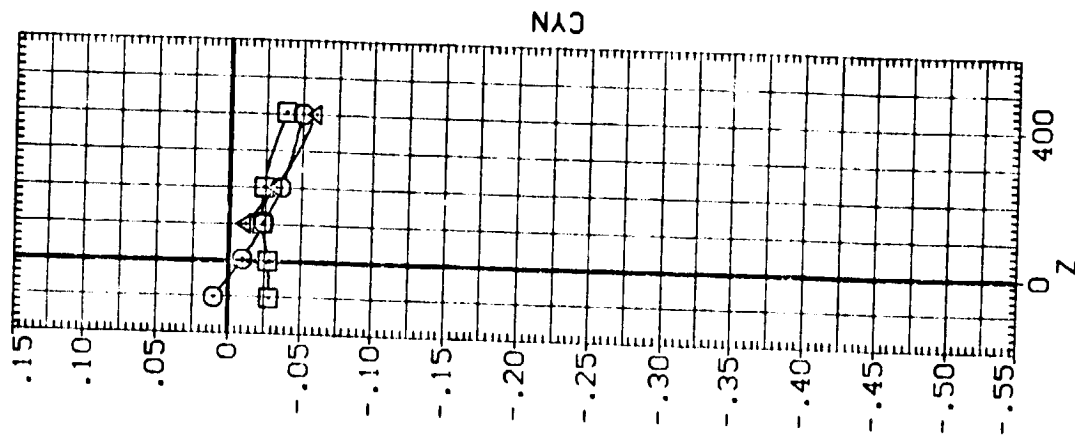


FIG.12 RIGHT SRB AERC CHARACTERISTICS FROM 0/ET (ALPHA=-.5 BETA=15.7)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU273)	AEDC/VAS28(1A87)-01ET:SI-R/H	SRB SEPAR. FROM O/ET	.200	-4.000	300.000	4.520	SRF 2690.0000 SQ.FT.
(ATU274)	AEDC/VAS28(1A87)-01ET:SI-R/H	SRB SEPAR. FROM O/ET	5.200	-4.000	300.000	4.520	LRF 1290.3000 INCHES
(ATU277)	AEDC/VAS28(1A87)-01ET:SI-R/H	SRB SEPAR. FROM O/ET	-4.800	-4.000	300.000	4.520	BRF 1290.3000 INCHES
							YARP 1258.5000 IN. XS
							ZARP .0000 IN. YS
							SCALE 400.0000 IN. ZS

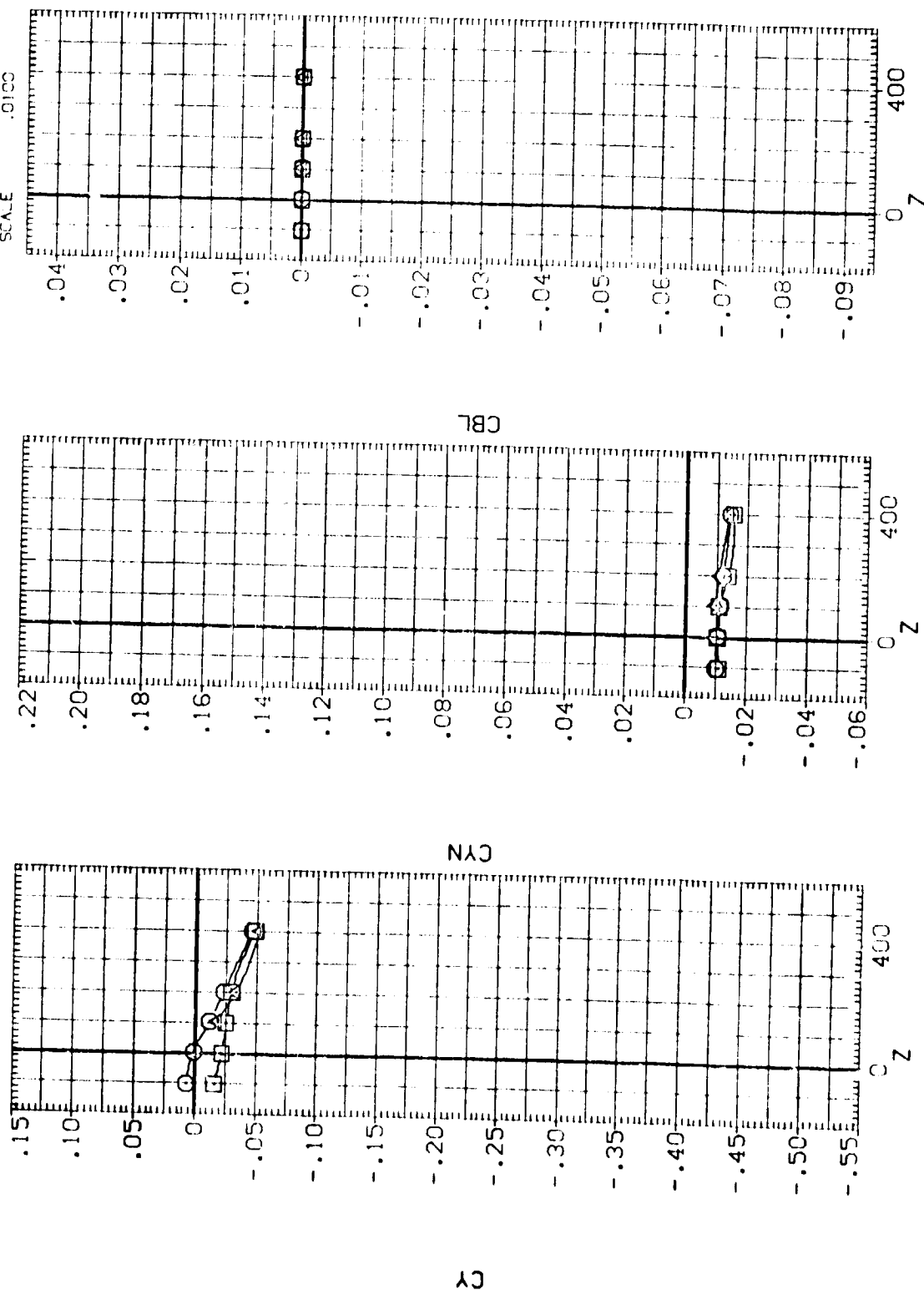


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5.7 BETA=15.7)

(CY) = 200.00

DATA SET SYR-30L CONFIGURATION DESCRIPTION  
 (ATU273) AEDC/VAS28(IAB7)-01ETIS1-R/H  
 (ATU274) AEDC/VAS28(IAB7)-01ETIS1-R/H  
 (ATU277) AEDC/VAS28(IAB7)-01ETIS1-R/H

SRB SEPAR. FROM O/EY  
 SRB SEPAR. FROM O/EY  
 SRB SEPAR. FROM O/EY

DBETA  
 DBETA  
 DBETA

MACH  
 MACH  
 MACH

REFERENCE INFORMATION  
 SREF 2590.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XARP 1258.5000 IN. XS  
 YARP .0000 IN. YS  
 ZARP 400.0000 IN. ZS  
 SCALE .0100

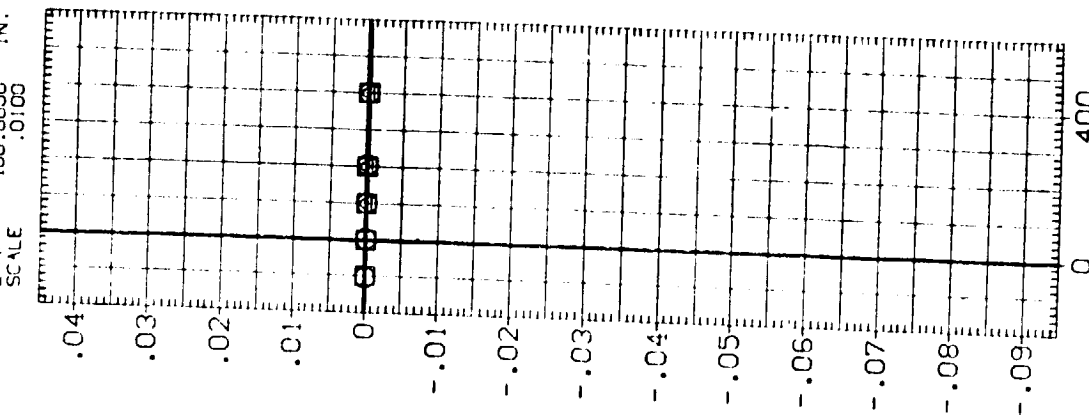
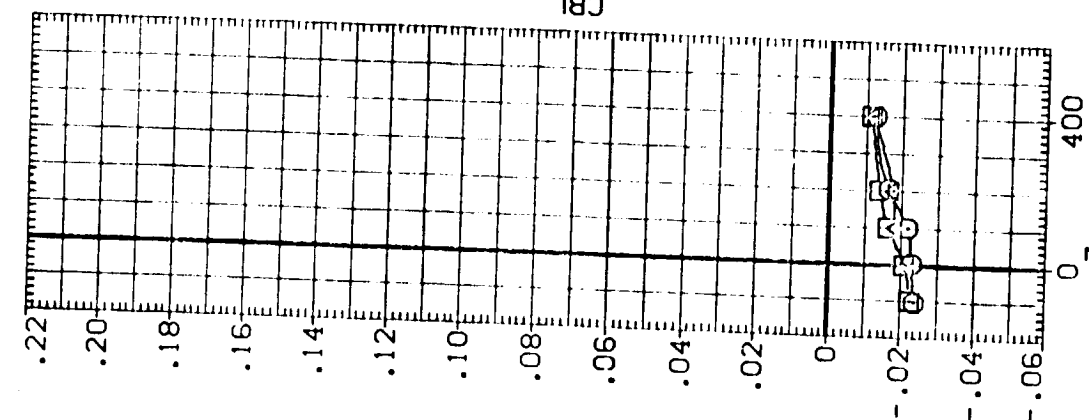
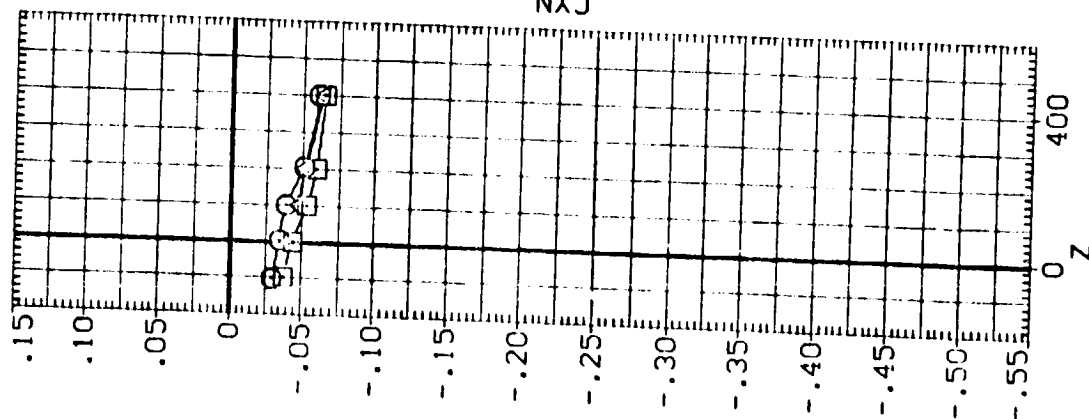


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/EY (ALPHA=-.5 BETA=15.7)  
 (D)Y = 400.00

DATA SET SYMBOL: (ATU278) (ATU281) (ATU282)

CONFIGURATION DESCRIPTION: AEDC/AS28(1A87)-01ET(SI)-R/H SRB SEPAR. FROM O/E-T AEDC/AS28(1A87)-01ET(SI)-R/H SRB SEPAR. FROM O/E-T AEDC/AS28(1A87)-01ET(SI)-R/H SRB SEPAR. FROM O/E-T

DELTA ALPHA: .200 5.200 -4.800

O/BETA: .000 .000 .000

MACH: 4.520 4.520 4.520

REFERENCE INFORMATION: SREF 2690.0000 50.FT. LREF 1290.3000 INCHES YREF 1290.3000 INCHES XREF 1255.5000 INCHES ZREF 400.0000 INCHES SCALE .0100

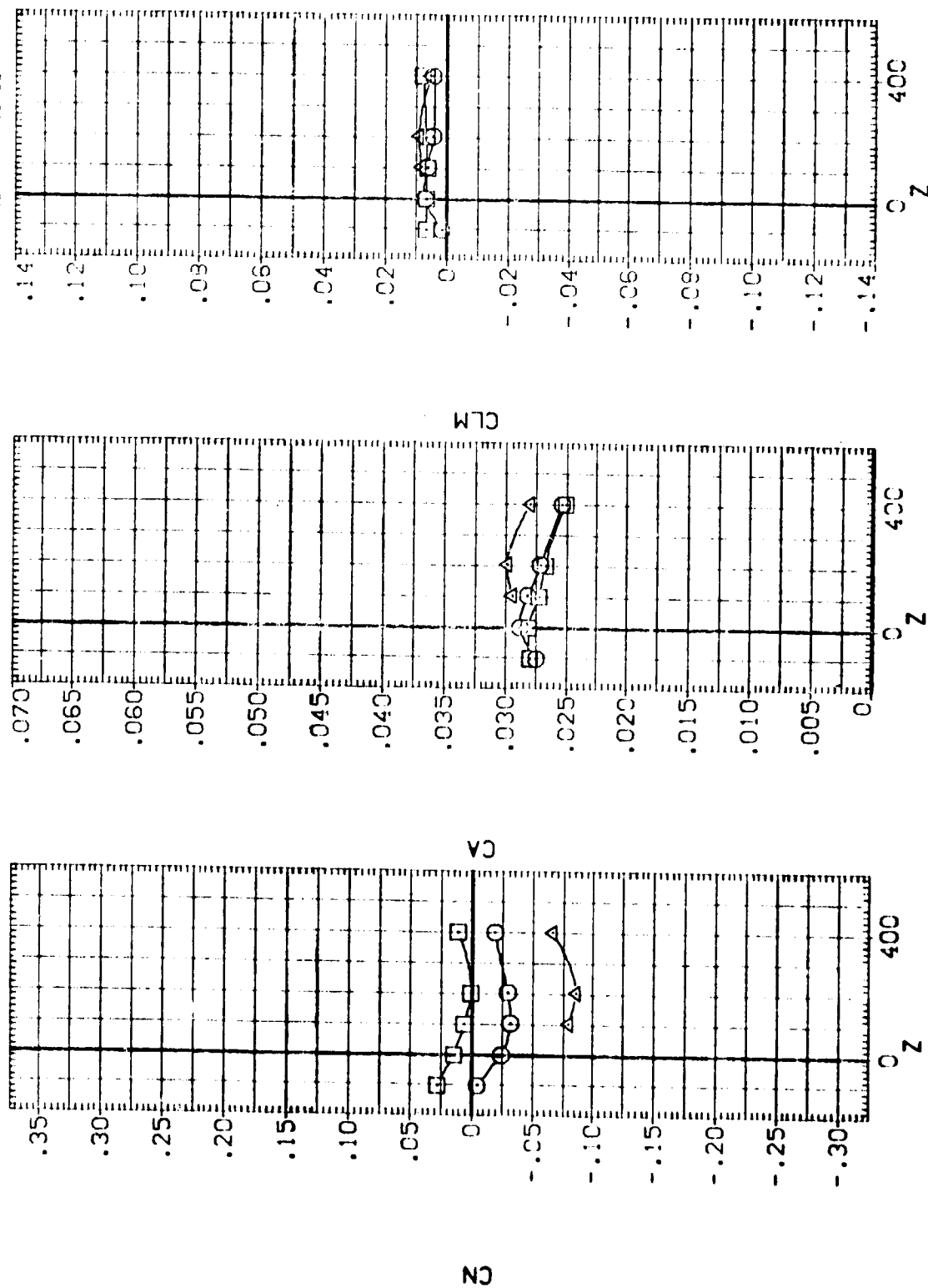


FIG.12 RIGHT SRB AERO CHARACTER SEPARATING FROM O/E-T (ALPHA=-.5 BETA=15.7)

(C) = 200.00

DATA SET SYMBO.	CONFIGURATION	DESCRIPTION
(ATU278)	AEDC/VA528(1A87)-01ET1S1-R/H	
(ATU281)	AEDC/VA528(1A87)-01ET1S1-R/H	
(ATU282)	AEDC/VA528(1A87)-01ET1S1-R/H	

DALPHA	DBETA	X	MACH
.200	-8.000	.000	4.520
5.200	-8.000	.000	4.520
-4.800	-8.000	.000	4.520

REFERENCE INFORMATION	
SPEC	2500 2000 SG. FT.
LINE	1200 3000 INCHES
BREF	200 2000 INCHES
YMRP	250 5000 N. XS
YMRG	500 2000 N. YS
YMRB	400 2000 N. ZS
SCALE	0.100

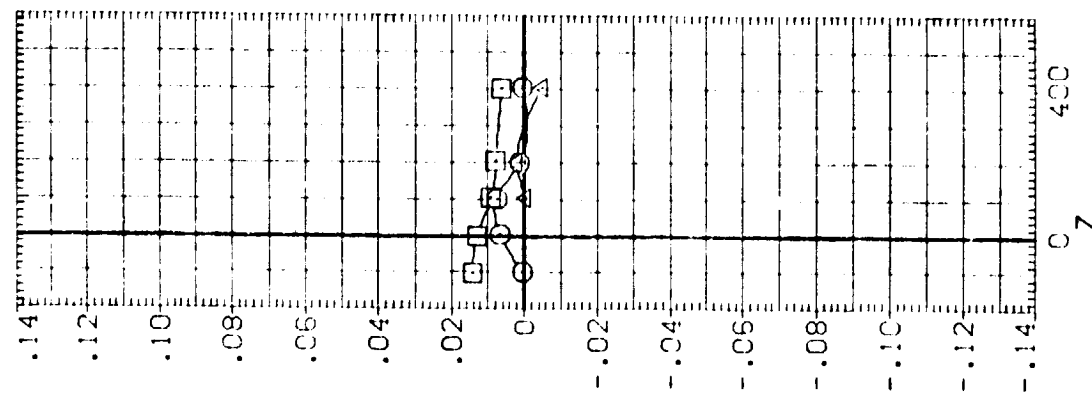
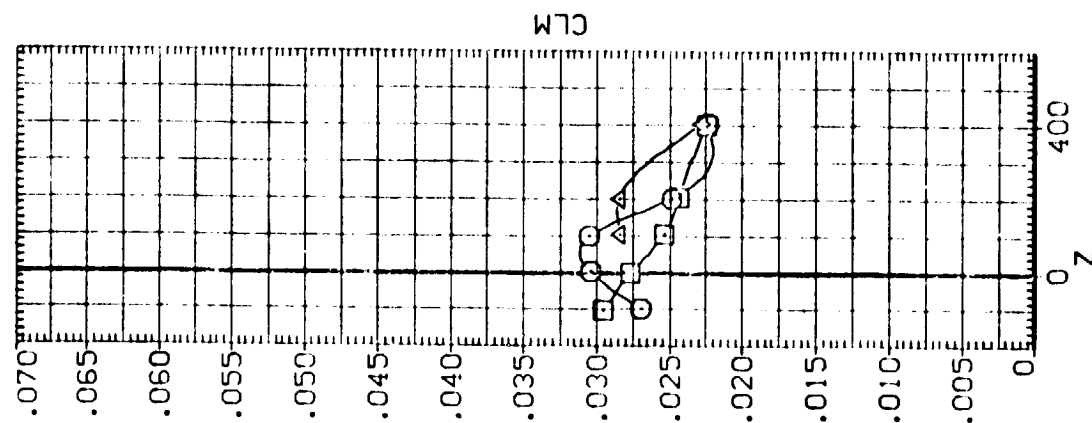
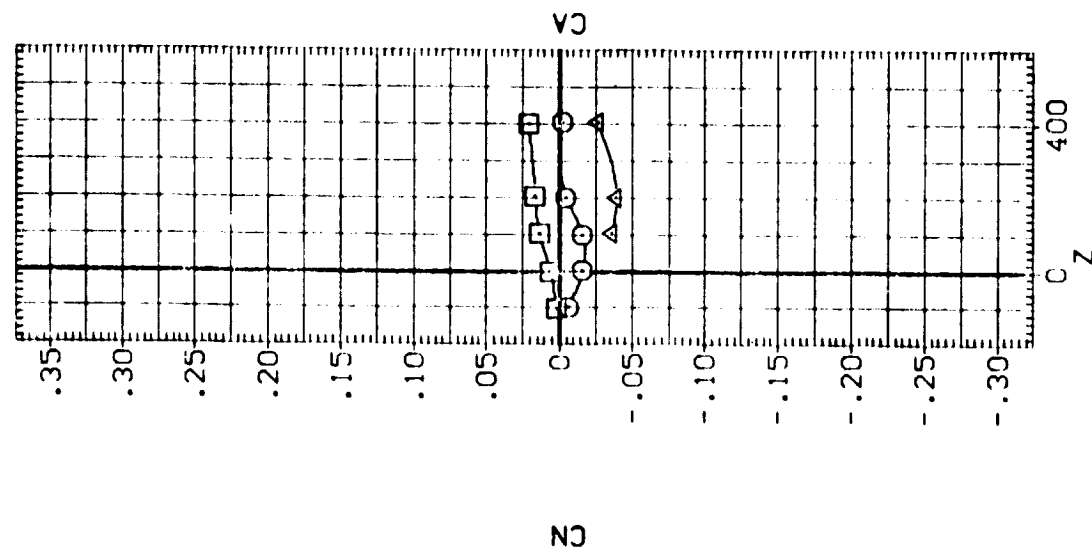


FIG.12 RIGHT SRB AERO CHARACTERISTICS (ALPHA=-.5 BETA=15.7)

(D)Y = 400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU278) AEDC/VAS28(1A87)-O1ET1S1-R/H SRB SEPAR. FROM O/ET  
 (ATU281) AEDC/VAS28(1A87)-O1ET1S1-R/H SRB SEPAR. FROM O/ET  
 (ATU282) AEDC/VAS28(1A87)-O1ET1S1-R/H SRB SEPAR. FROM O/ET

DALPHA DELTA X  
 .200 -8.000  
 .200 -8.000  
 -4.800 -8.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 YREF 1290.3000 IN. YS  
 XREF 400.0000 IN. XS  
 SCALE .0100

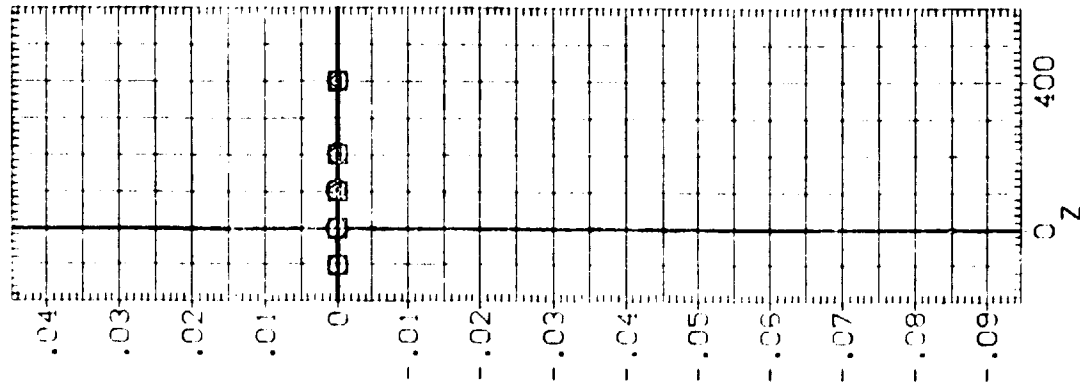
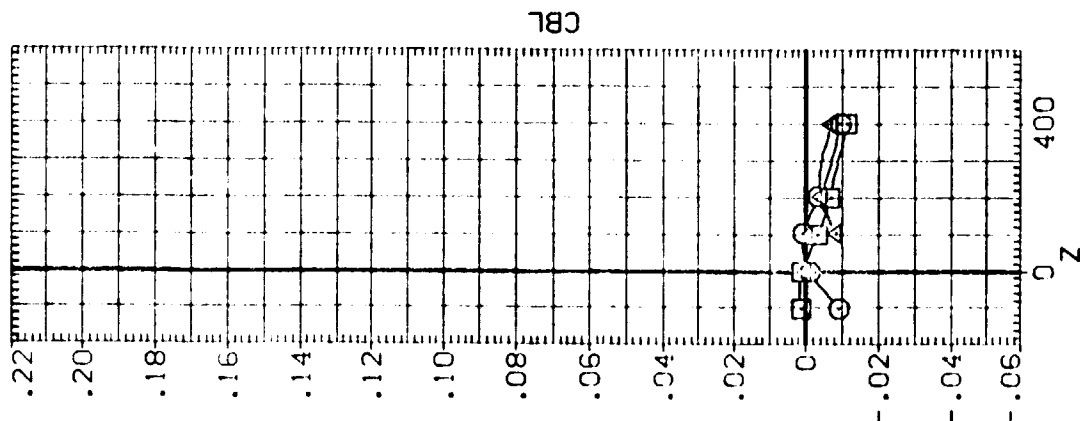
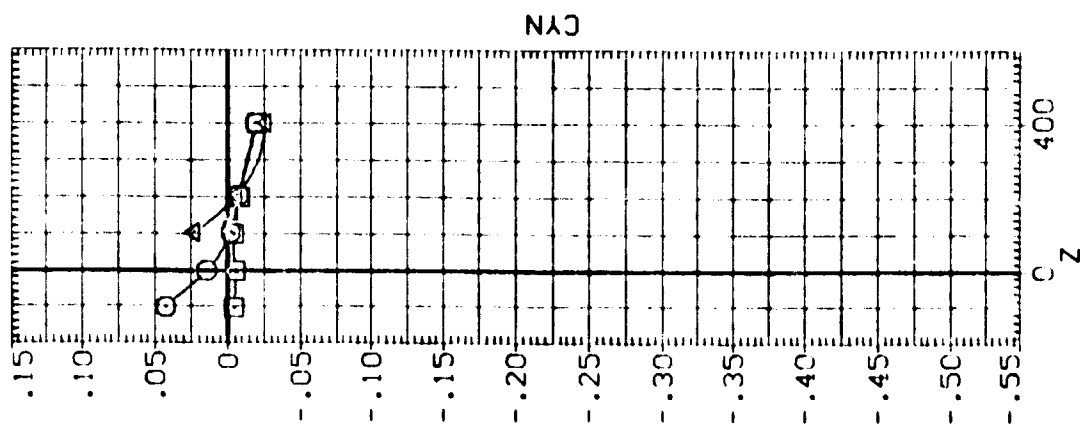


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(C)Y = 200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU278)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	.200	-8.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU281)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	.200	-8.000	.000	4.520	LREF 1290.3000 INCHES
(ATU282)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/E/T	-4.800	-8.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. YS
							VMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

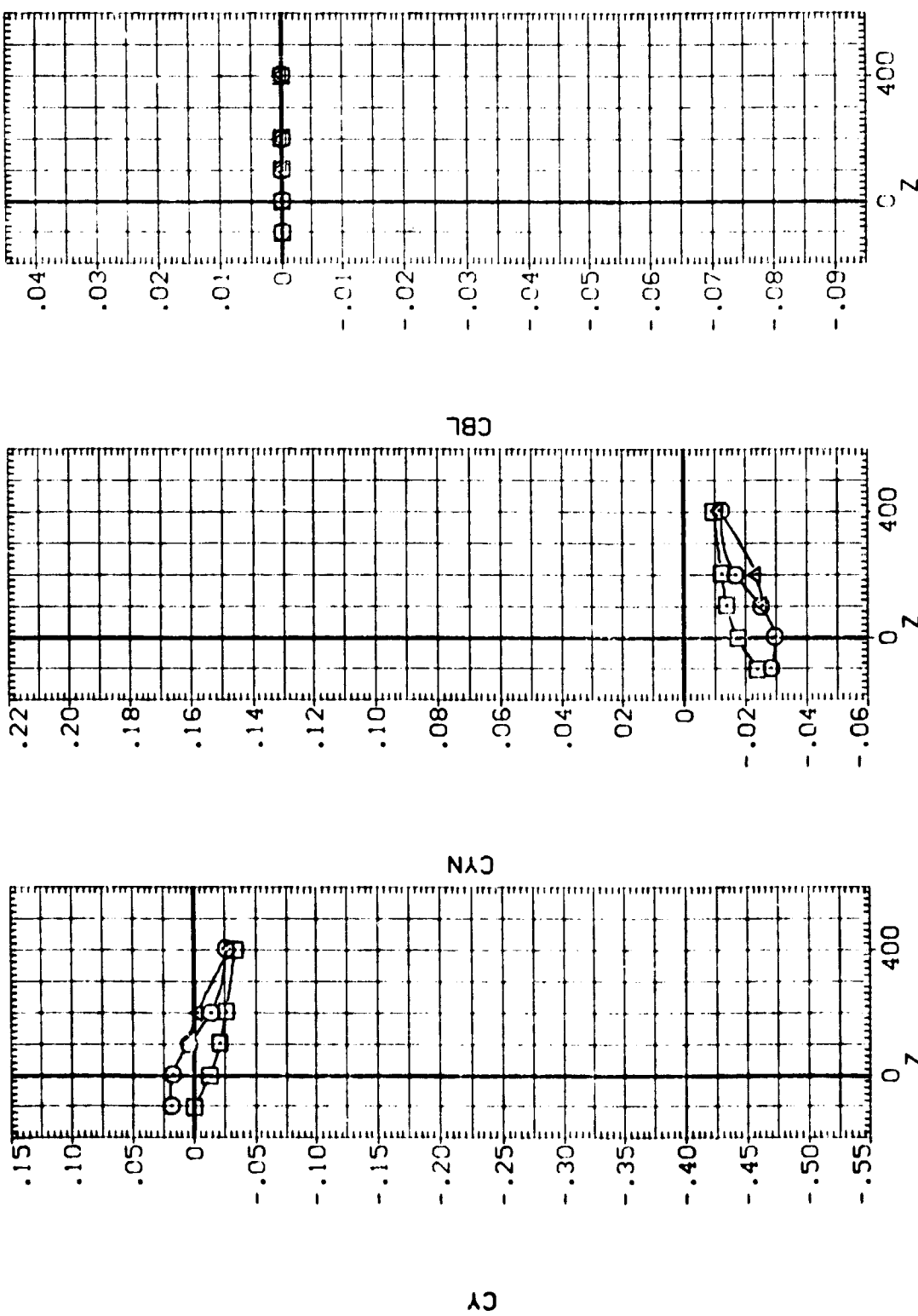


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=-.5 BETA=15.7)

(O)Y = 400.00

DATA SET SYMBOL  
(ATU279)  
(ATU280)  
(ATU283)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ET151-R/H  
AEDC/VAS28(1A87)-01ET151-R/H  
AEDC/VAS28(1A87)-01ET151-R/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA DBETA X

MACH

REFERENCE INFORMATION  
SREF 2690.0000 50.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
NREF 1258.5000 INCHES  
YMRP 0.0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE 0.0100

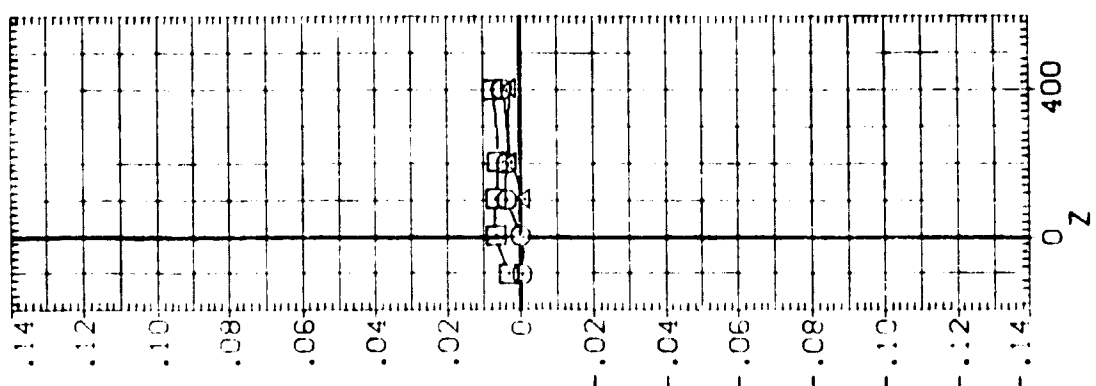
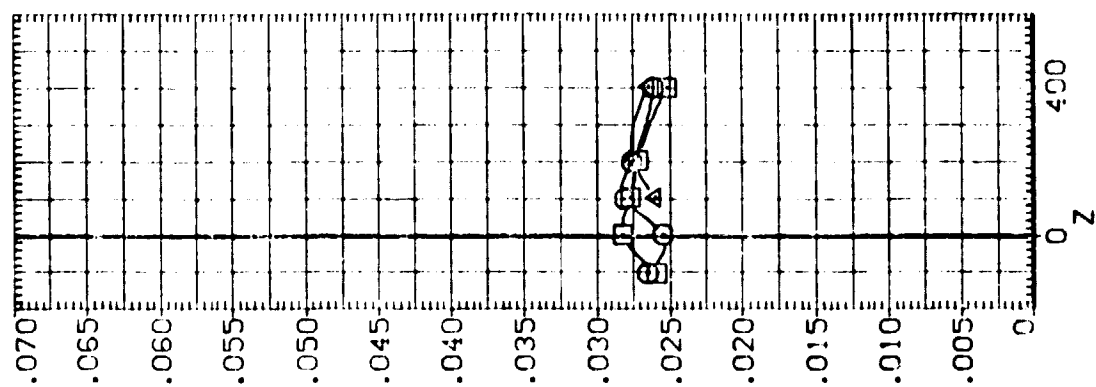
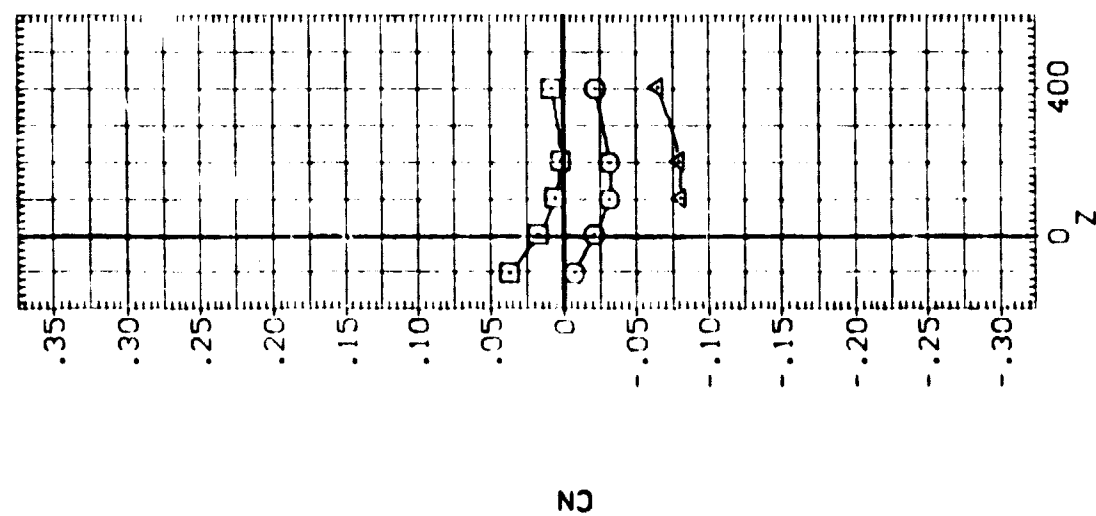


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(C)Y = 200.00

REFERENCE INFORMATION	
SRC	2690 0000 SQ.FT.
LYR	1290 3000 INCHES
BRF	1290 3000 INCHES
XPMP	1258 5000 IN. XS
YMP	4000 IN. YS
ZMP	400 0000 IN. ZS
SCALE	.0100

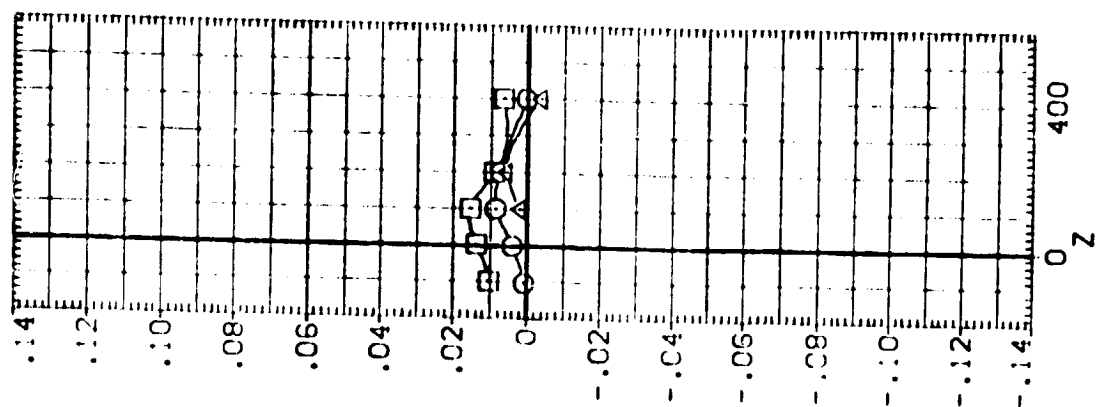


FIG.12 RIGHT SRB AERO CHARACTERISTICS FROM 0/ET (ALPHA=-.5 BETA=15.7)  
(DY) = 400.00

DATA SET SYMBO.    CONFIGURATION DESCRIPTION  
 (ATU279)    AEDC/VAS28(1487)-01ET115(-RAM)    SRB SEPAR FROM O/VET  
 (ATU280)    AEDC/VAS28(1487)-01ET115(-RAM)    SRB SEPAR FROM O/VET  
 (ATU283)    AEDC/VAS29(1487)-01ET115(-RAM)    SRB SEPAR FROM O/VET

CALPHA    DBETA    X  
 200    -8.000    300.000  
 5.200    -8.000    300.000  
 -4.800    -8.000    300.000

MACH    REFERENCE INFORMATION  
 4.520    SREF    2690.000    SQ.F.  
 4.520    LREF    1290.000    INCHES  
 4.520    RREF    1290.000    INCHES  
 4.520    VREF    1258.000    IN.XS  
 4.520    WREF    400.000    IN.YS  
 4.520    ZREF    400.000    IN.ZS  
 4.520    SCALE    10.000

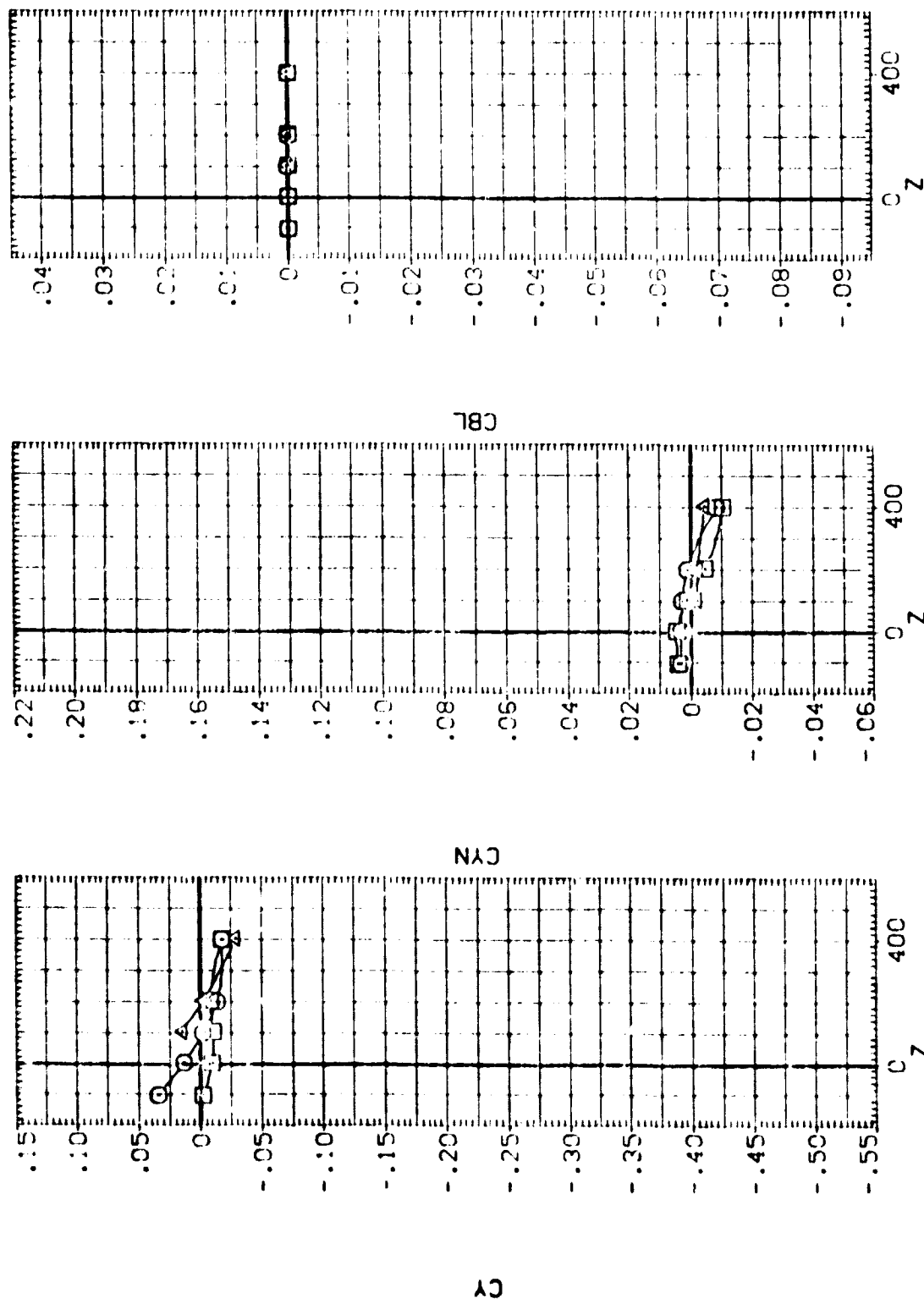


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/VET (ALPHA=-.5 BETA=15.7)

(CY) = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(ATU279)	AEDC/VAS28(1A87)-01ET1S1-R/A
(ATU280)	AEDC/VAS28(1A87)-01ET1S1-R/A
(ATU283)	AEDC/VAS28(1A87)-01ET1S1-R/A

DALPHA	JBETA	X
0.200	-8.000	300.000
5.200	-8.000	300.000
-4.800	-8.000	300.000

HACH

REFERENCE INFORMATION	
SREF	2690.0000 SQ.FT.
LGRE	1240.3000 INCHES
BRGE	1240.3000 INCHES
1490	1259.5000 IN. XS
1490	1300 IN. YS
2490	400.0000 IN. ZS
SCALE	.0100

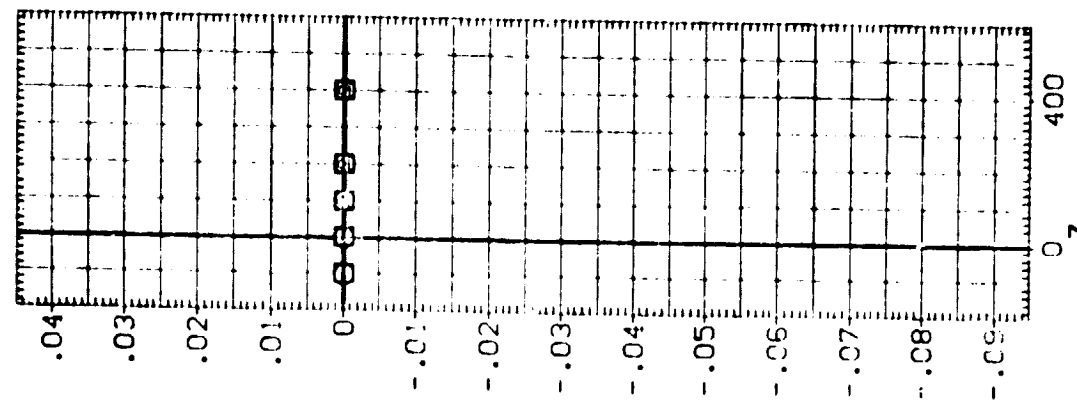
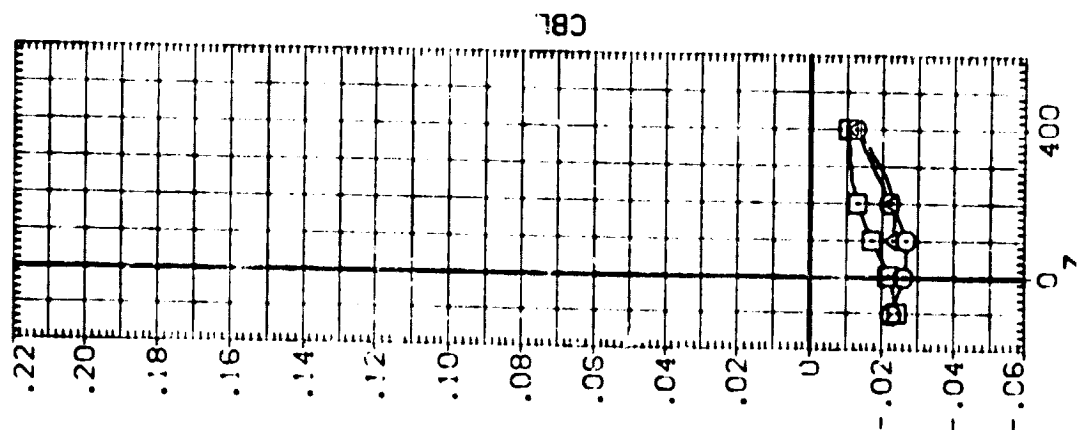
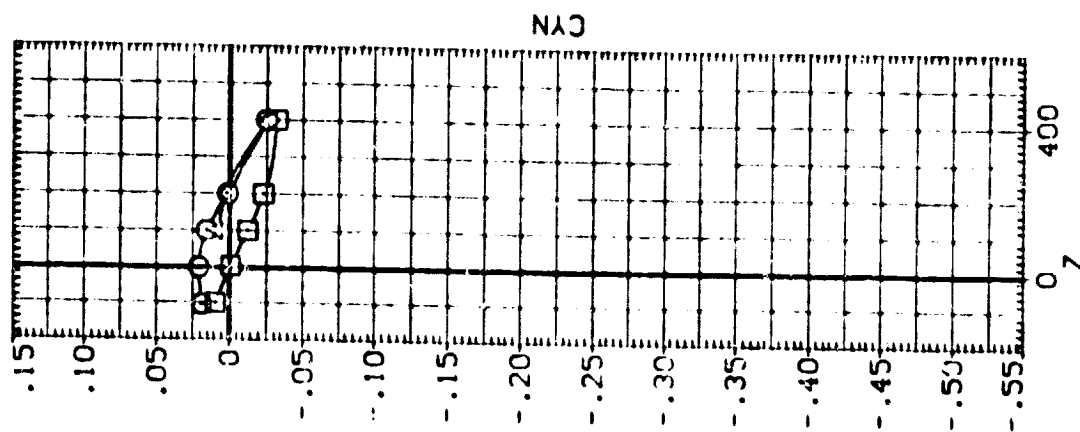


FIG.12 RIGHT SRB AERO CHARACTERISTICS FROM O/E/T (ALPHA=-.5 BETA=15.7)

(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU302)	AEDC/VAS28(1A87)-01ET1S1-R/H	.200	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU266)	AEDC/VAS28(1A87)-01ET1S1-R/H	.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU272)	DATA NOT AVAILABLE	.200	-4.000	.000	4.520	BRFF 1290.3000 INCHES
(ATU278)	DATA NOT AVAILABLE	.200	-8.000	.000	4.520	XRFB 1258.5000 IN. XS
						VRFB 1258.5000 IN. YS
						SCALE 400.0000 IN. ZS

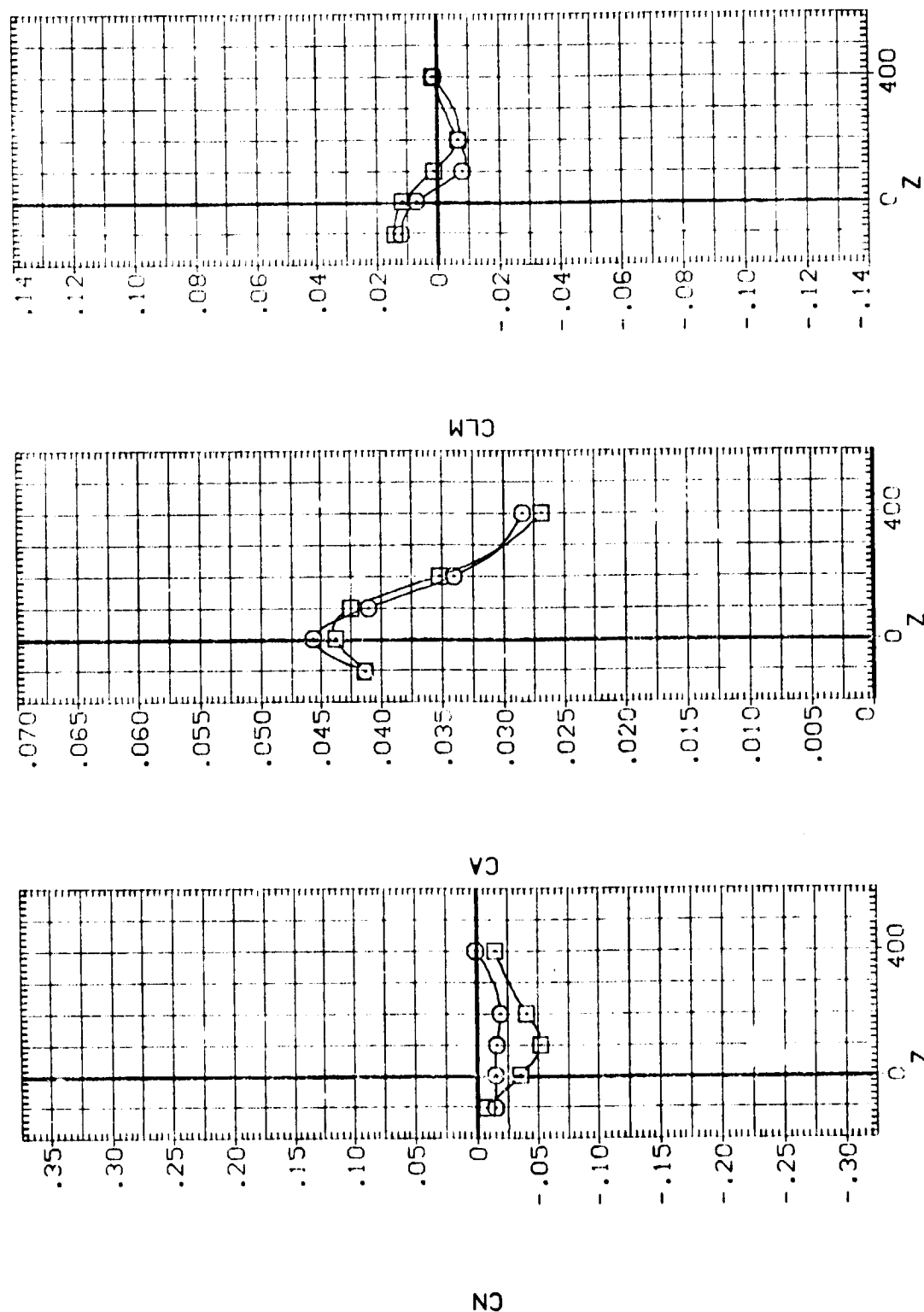


FIG.12 RIGHT SRB AERO CHARACTERISTICS (ALPHA=-.5 BETA=15.7)

ADY = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU302)	AEDC/VAS28(IAB7)-O1ETIS1-R/H	SRB SEPAR. FROM O/EI	.200	4.000	.000	4.520	SREF 2690.0000 30. FT
(ATU266)	AEDC/VAS28(IAB7)-O1ETIS1-R/H	SRB SEPAR. FROM O/EI	.200	4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU272)	AEDC/VAS28(IAB7)-O1ETIS1-R/H	SRB SEPAR. FROM O/EI	.200	-4.000	.000	4.520	BREF 1290.3000 INCHES
(ATU273)	DATA NOT AVAILABLE	SRB SEPAR. FROM O/EI	.200	-8.000	.000	4.520	XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

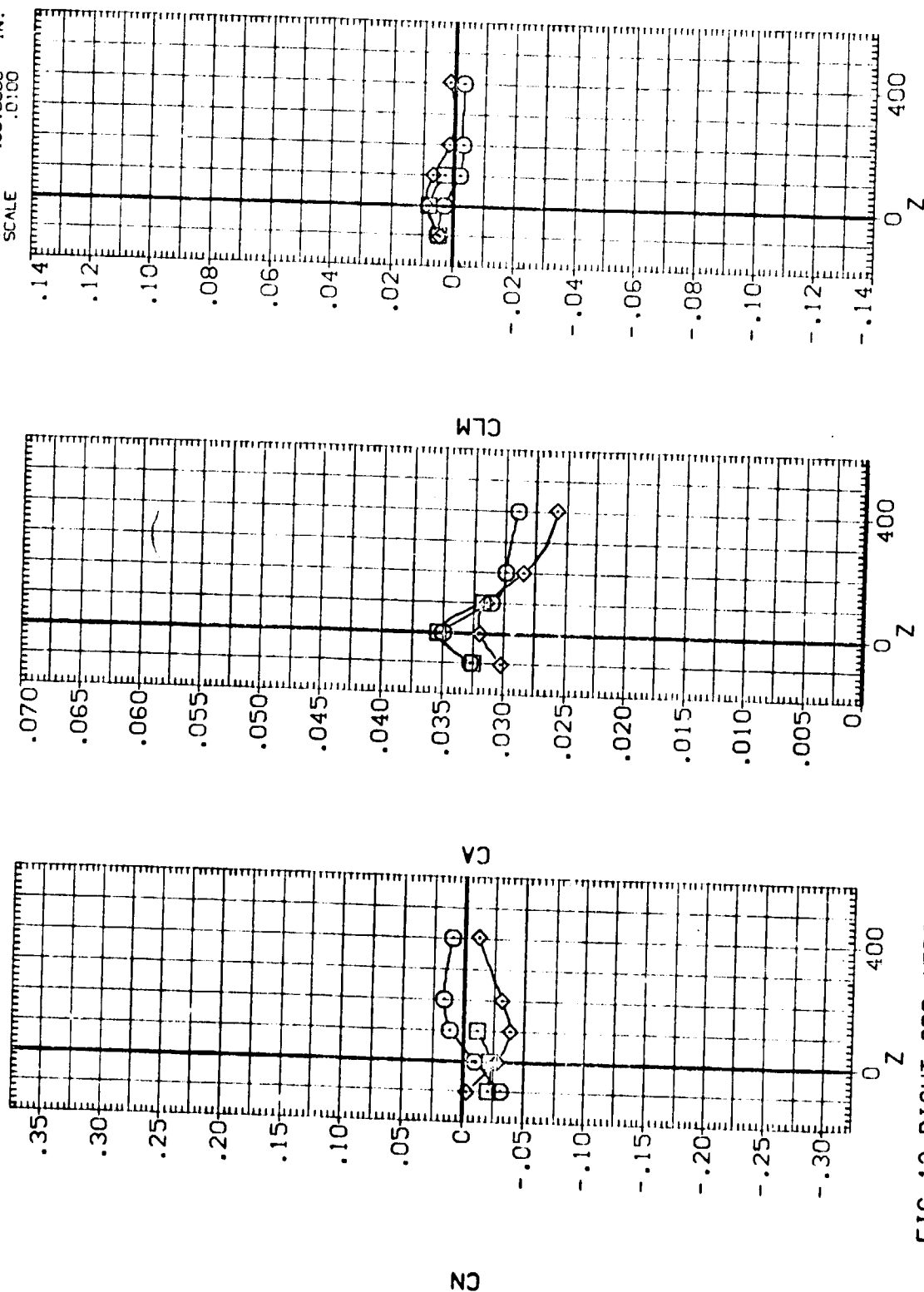


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/EI (ALPHA=-.5 BETA=15.7)  
(B) Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU302)	AEDC/VAS281(A87)-01ETISI-R/H	SRB SEPAR. FROM 0/ET	.200	4.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU266)	AEDC/VAS281(A87)-01ETISI-R/H	SRB SEPAR. FROM 0/ET	.200	.000	.000	4.520	LREF 290.3000 INCHES
(ATU272)	AEDC/VAS281(A87)-01ETISI-R/H	SRB SEPAR. FROM 0/ET	.200	-4.000	.000	4.520	BREF 1290.3000 INCHES
(ATU278)	AEDC/VAS281(A87)-01ETISI-R/H	SRB SEPAR. FROM 0/ET	.200	-8.000	.000	4.520	VMRP 1259.5000 IN. XS
							VMRP 400.0000 IN. YS
							VMRP 400.0000 IN. ZS
							SCALE .0100

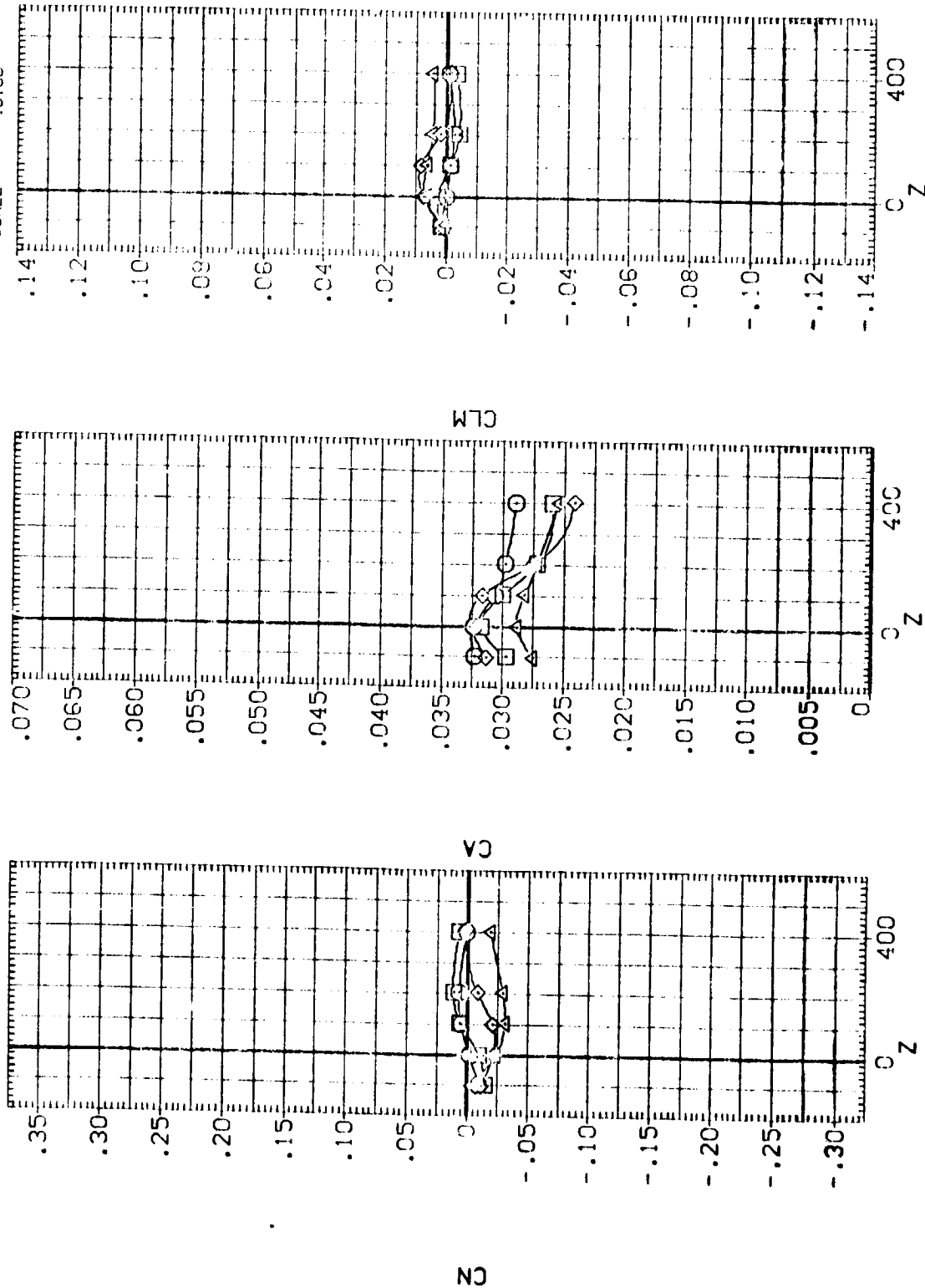


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=-.5 BETA=15.7)

(C)Y = 200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU302)	DATA NOT AVAILABLE	.200	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU265)	AEDC/VA528(IAB7)-O1ET1S1-R/H	.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU272)	AEDC/VA528(IAB7)-O1ET1S1-R/H	.200	.000	.000	4.520	BREF 1290.3000 INCHES
(ATU278)	AEDC/VA528(IAB7)-O1ET1S1-R/H	.200	-8.000	.000	4.520	VMRP 1258.5000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

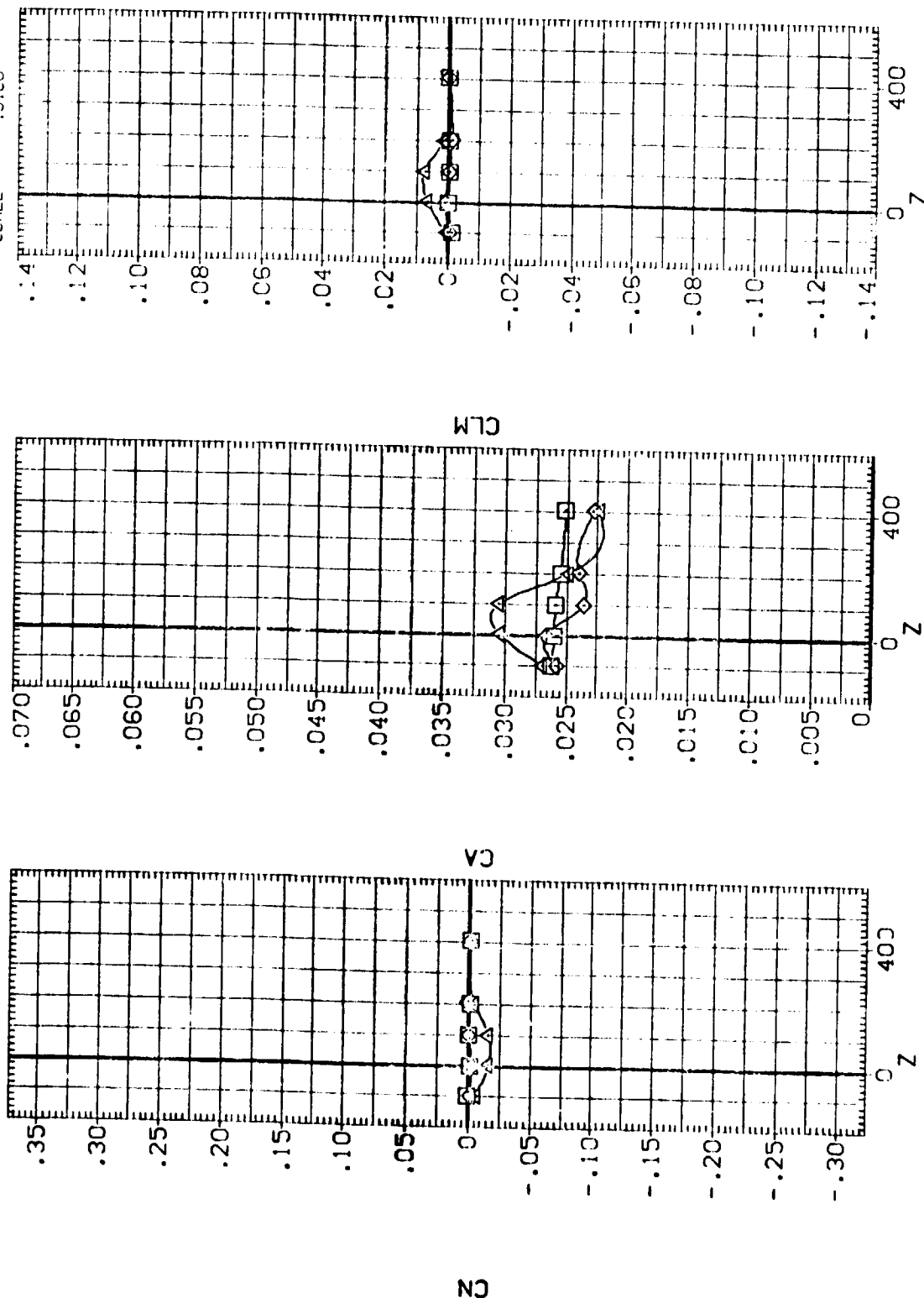


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU302)	AEDC/VAS28(1A87)-01ET1S1-R/H	.200	4.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU266)	AEDC/VAS28(1A87)-01ET1S1-R/H	.200	.000	.000	4.520	LREF 290.3000 INCHES
(ATU272)	DATA NOT AVAILABLE	.200	-4.000	.000	4.520	SREF 290.3000 INCHES
(ATU278)	DATA NOT AVAILABLE	.200	-8.000	.000	4.520	WREF 258.5000 IN. XS
						WREF 400.0000 IN. VS
						SCALE 10.00

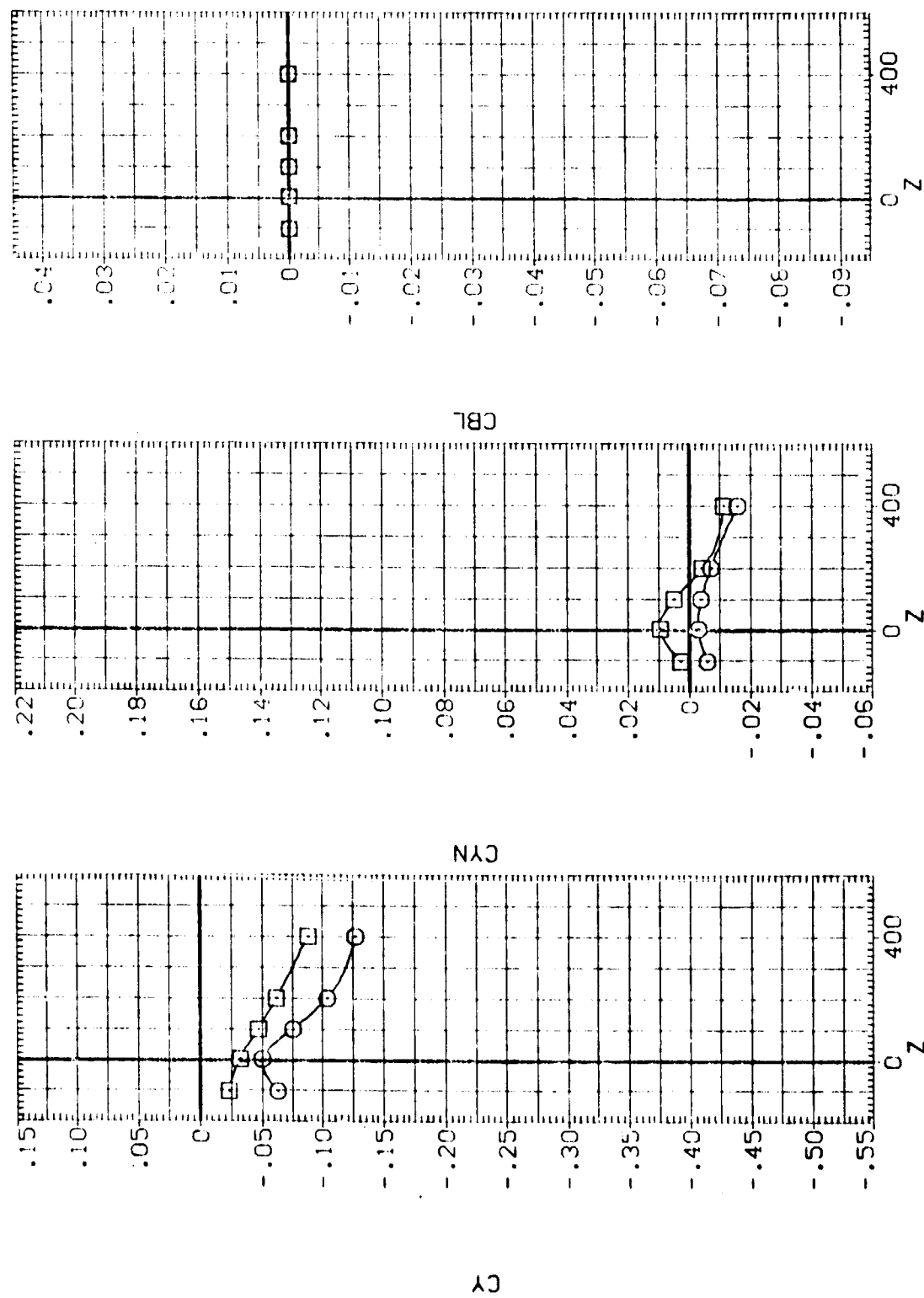


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

REFERENCE INFORMATION	
SREF	2690.0000 SQ.FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1258.5000 IN. XS
YMRP	.0000 IN. YS
ZMRP	400.0000 IN. ZS
SCALE	.0100

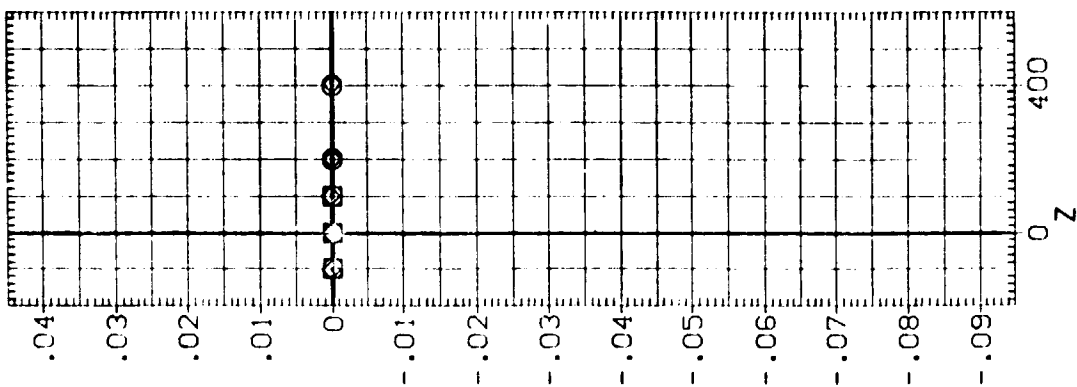
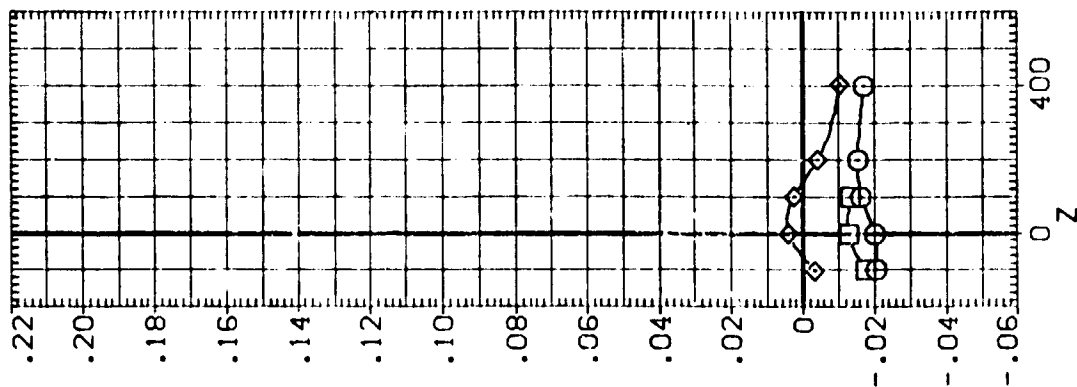
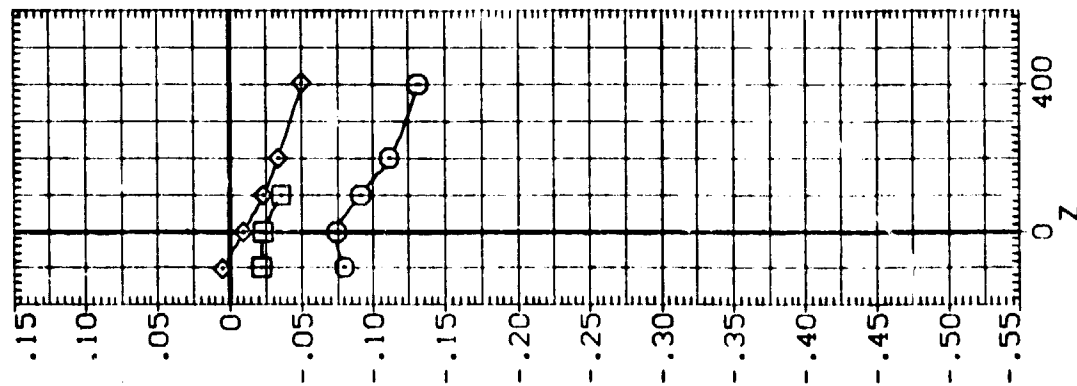


FIG.12 RIGHT SRB AERO CHARACTERISTICS FROM 0/ET (ALPHA=-.5 BETA=15.7)

(B)Y = 100.00

PAGE 346

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU302)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	4.000	.000	4.520	SREF 2690 0000 SQ. FT.
(ATU266)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	.000	.000	4.520	LREF 1290 3000 INCHES
(ATU272)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	-4.000	.000	4.520	BREF 1290 3000 INCHES
(ATU278)	AEDC/VA528(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	.200	-8.000	.000	4.520	XMRP 1259 5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

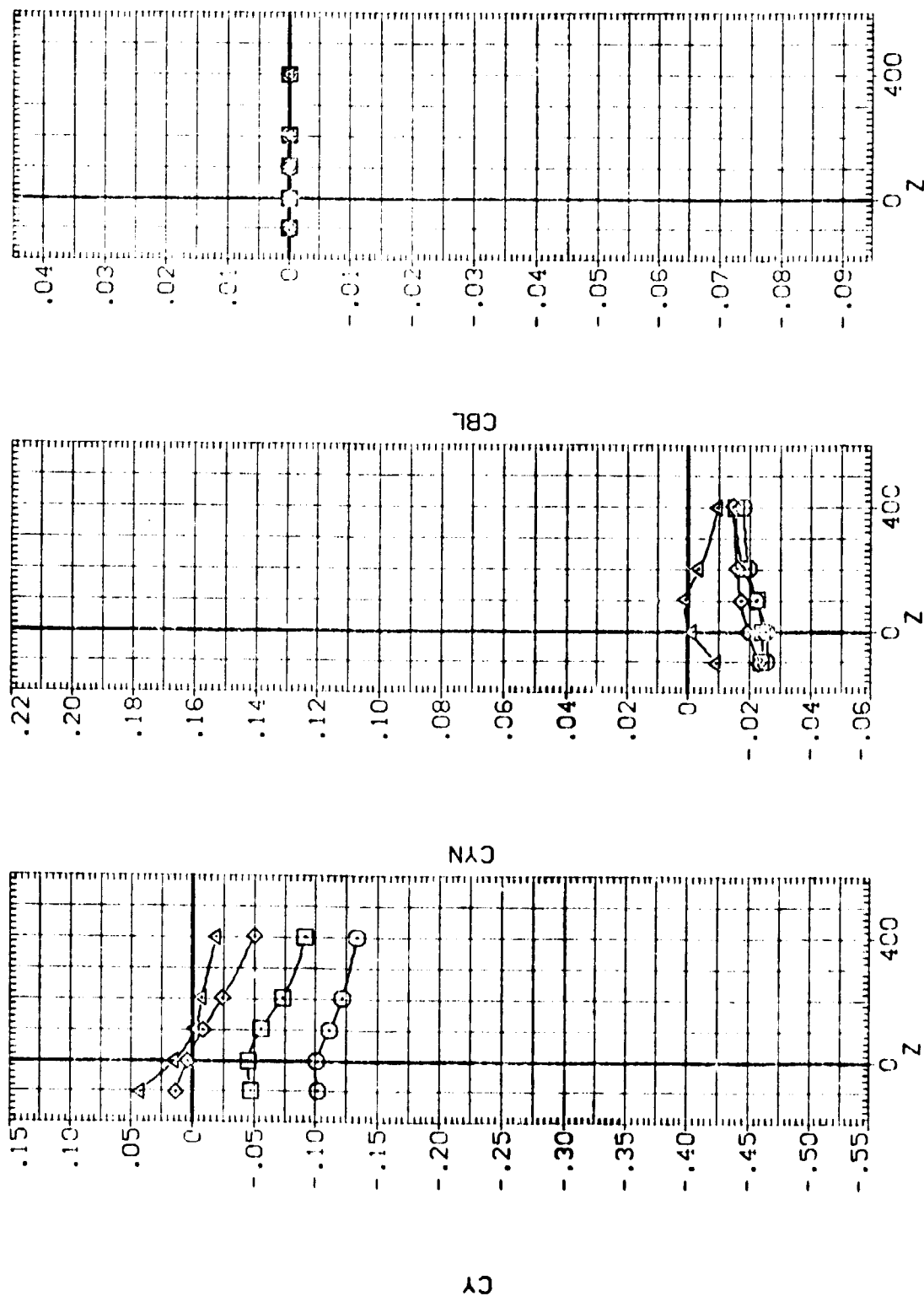


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-5 BETA=15.7)

(CY) = 200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU302) DATA NOT AVAILABLE  
 (ATU266) AEDC/VAS28(IAB7)-01ETIS1-R/H SRB SEPAR FROM O/ET  
 (ATU272) AEDC/VAS28(IAB7)-01ETIS1-R/H SRB SEPAR FROM O/ET  
 (ATU278) AEDC/VAS28(IAB7)-01ETIS1-R/H SRB SEPAR FROM O/ET

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1256.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

MACH  
 4.520  
 4.520  
 4.520  
 4.520

X  
 .000  
 .000  
 .000  
 .000

DBETA  
 4.000  
 4.000  
 -4.000  
 -8.000

DALPHA  
 .200  
 .200  
 .200  
 .200

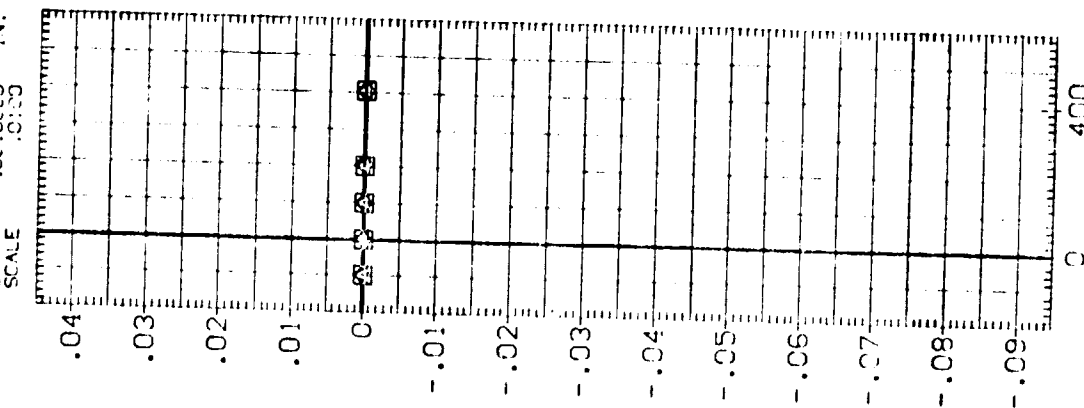
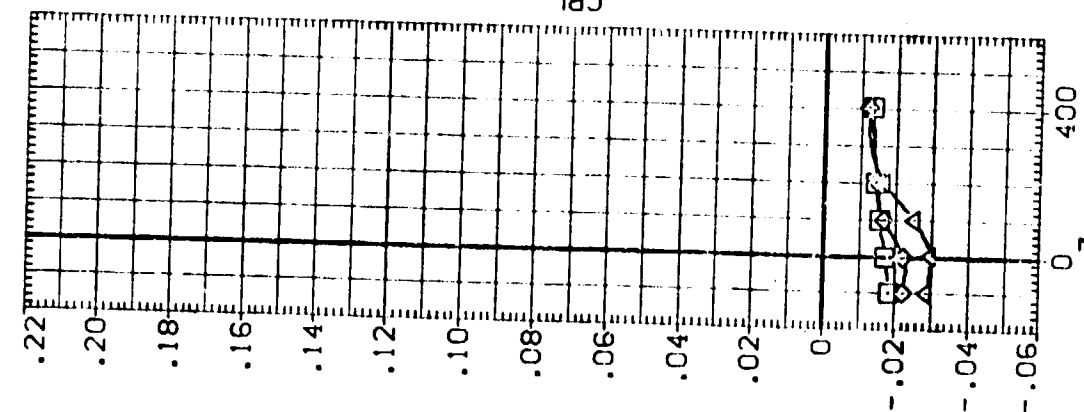
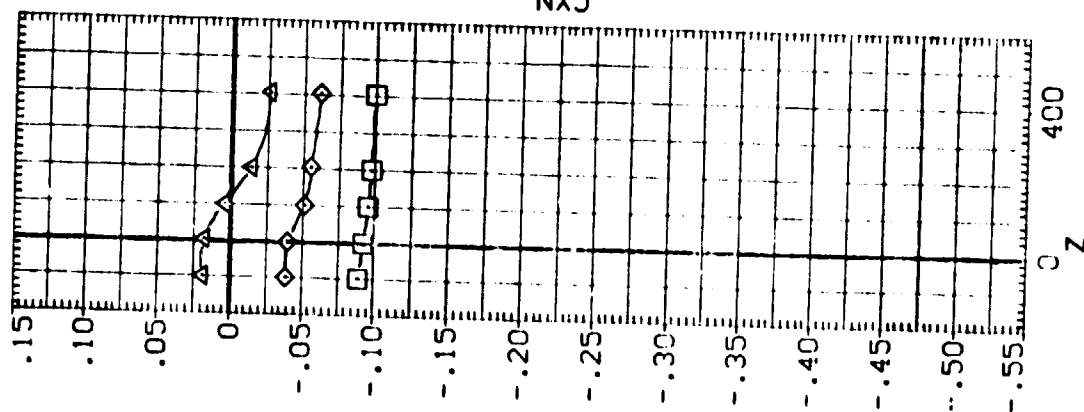


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)  
 (O)Y = 400.00

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU003)	AEDC/VAS28(1A87)-01ET151-R/H	.200	4.000	300.000	4.520	SREF 2550.0000 SO.FT.
(ATU267)	AEDC/VAS28(1A87)-01ET151-R/H	.200	.000	300.000	4.520	LREF 1250.0000 INCHES
(ATU1273)	DATA NOT AVAILABLE	.200	-4.000	300.000	4.520	BREF 1250.0000 INCHES
(ATU279)	DATA NOT AVAILABLE	.200	-8.000	300.000	4.520	XREF 1258.5000 IN. XS
						YREF 400.0000 IN. YS
						ZREF 400.0000 IN. ZS
						SCALE .0100

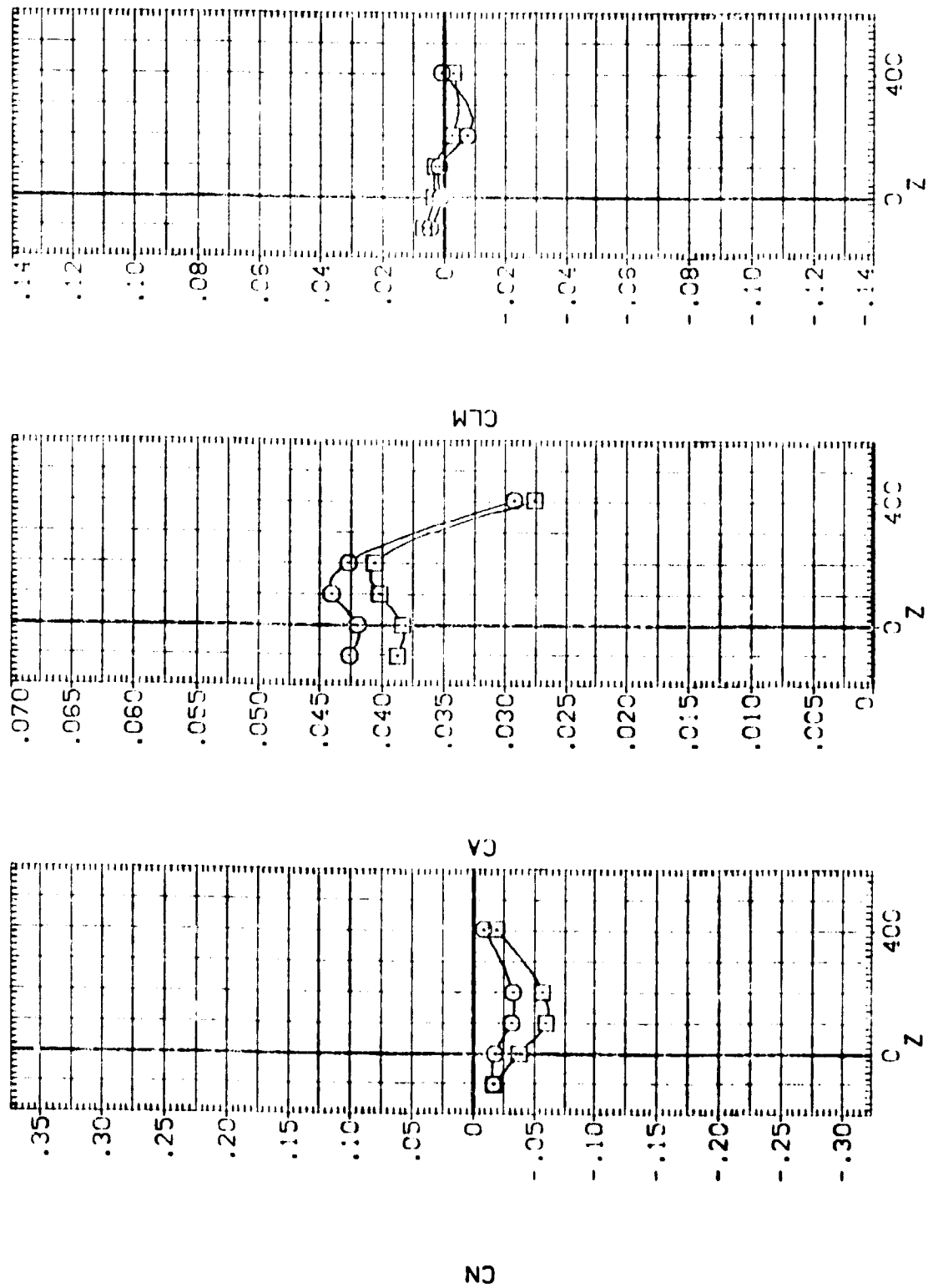


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM C/ET (ALPHA=-.5 BETA=15.7)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU303)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	.200	4.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU267)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	.200	4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU273)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/E/T	.200	-4.000	300.000	4.520	BREF 1290.3000 INCHES
(ATU279)	DATA NOT AVAILABLE	SRB SEPAR. FROM O/E/T	.200	-8.000	300.000	4.520	WREF 1258.5000 IN. YS
							WREF 400.0000 IN. YS
							SCALE .0100

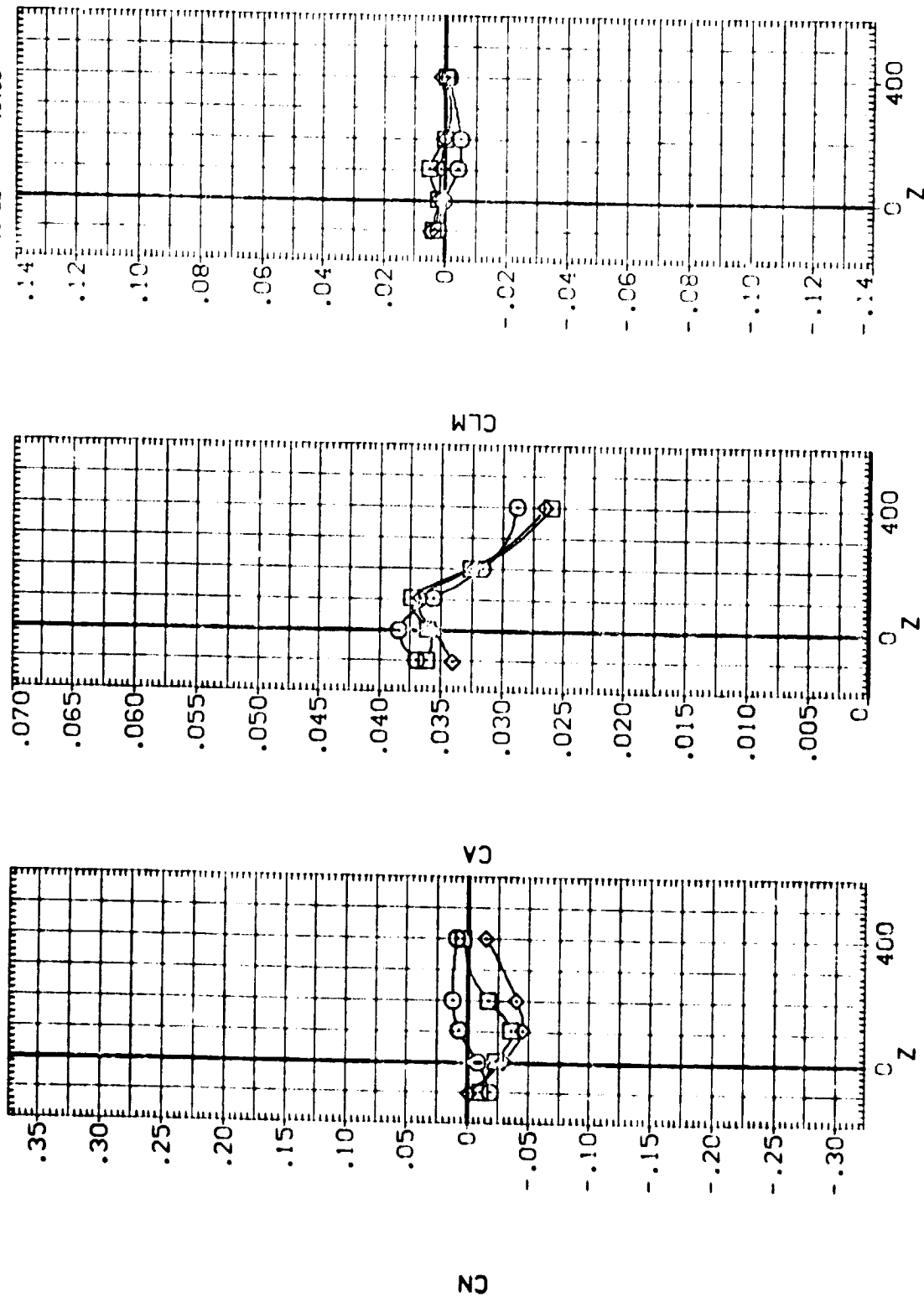


FIG.12 RIGHT SRB AERO CHARACTER SEPARATING FROM O/E/T (ALPHA=-.5 BETA=15.7)

(B)Y = 100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU203) DATA NOT AVAILABLE  
 (ATU267) AEDC/VAS28(1AB7)-O1ET1S1-R/H SRB  
 (ATU273) AEDC/VAS28(1AB7)-O1ET1S1-R/H SRB  
 (ATU279) AEDC/VAS28(1AB7)-O1ET1S1-R/H SRB

REFERENCE INFORMATION  
 SRBF 2690.0000 50. FT.  
 LREF 1290.3000 INCHES  
 BRFB 1290.3000 INCHES  
 NREF 1290.3000 IN. XS  
 YREF 400.0000 IN. YS  
 ZREF 400.0000 IN. ZS  
 SCALE .0100

MACH 4.520  
 4.520  
 4.520  
 4.520

X 300.000  
 300.000  
 300.000  
 300.000

DBETA 4.000  
 .000  
 .000  
 .000

ALPHA .200  
 .200  
 .200  
 .200

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

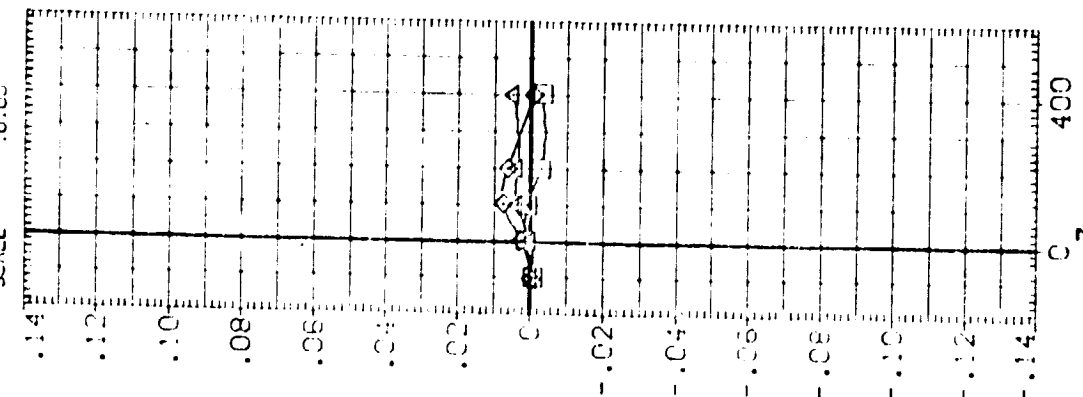
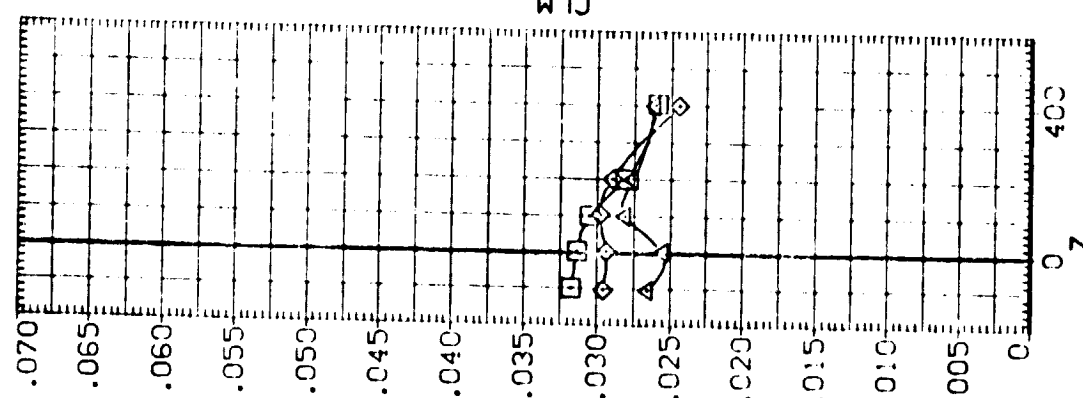
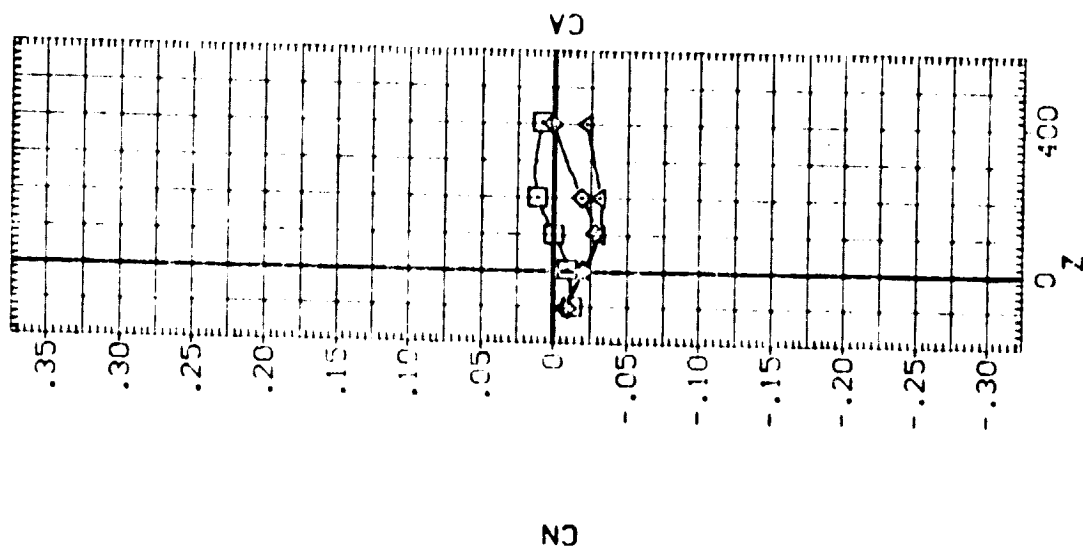


FIG.12 RIGHT SRB AERO CHARACTER SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(C)Y = 200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU303)	DATA NOT AVAILABLE	.200	4.000	300.000	4.520	SREF 2650.0000 SQ.FT.
(ATU267)	AEDC/VAS28(1A87)-01ETIS1-R/H	.200	.000	300.000	4.520	LREF 1250.3000 INCHES
(ATU273)	AEDC/VAS28(1A87)-01ETIS1-R/H	.200	-4.000	300.000	4.520	BREF 1250.3000 INCHES
(ATU279)	AEDC/VAS28(1A87)-01ETIS1-R/H	.200	-8.000	300.000	4.520	NREF 1259.5000 IN. XS
						NREF 1259.5000 IN. YS
						NREF 400.0000 IN. ZS
						SCALE .0100

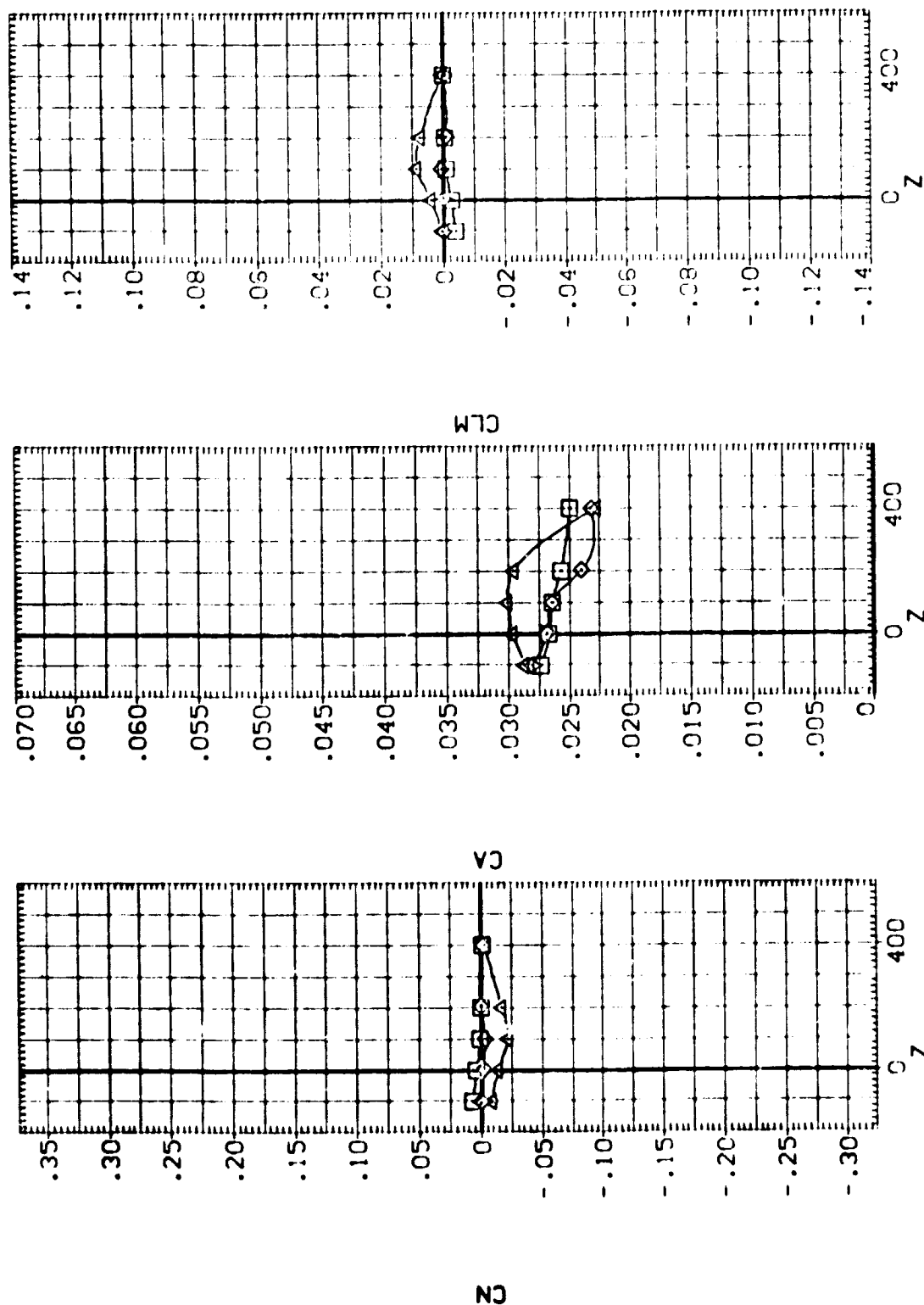


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(C)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU303)	AEC/VAS28(1A87)-O1ET1S1-R/M	.200	4.000	300.000	4.520	SREF 2690.0000 SJ.FT.
(ATU267)	AEC/VAS28(1A87)-O1ET1S1-R/M	.200	.000	300.000	4.520	LREF 1290.3000 NC-ES
(ATU273)	DATA NOT AVAILABLE	.200	-4.000	300.000	4.520	BREF 290.3000 NC-ES
(ATU279)	DATA NOT AVAILABLE	.200	-8.000	300.000	4.520	XMRP 258.5000 N.YS
						YMRP .0000 N.YS
						ZMRP 400.0000 N.YS
						SCALE .0100

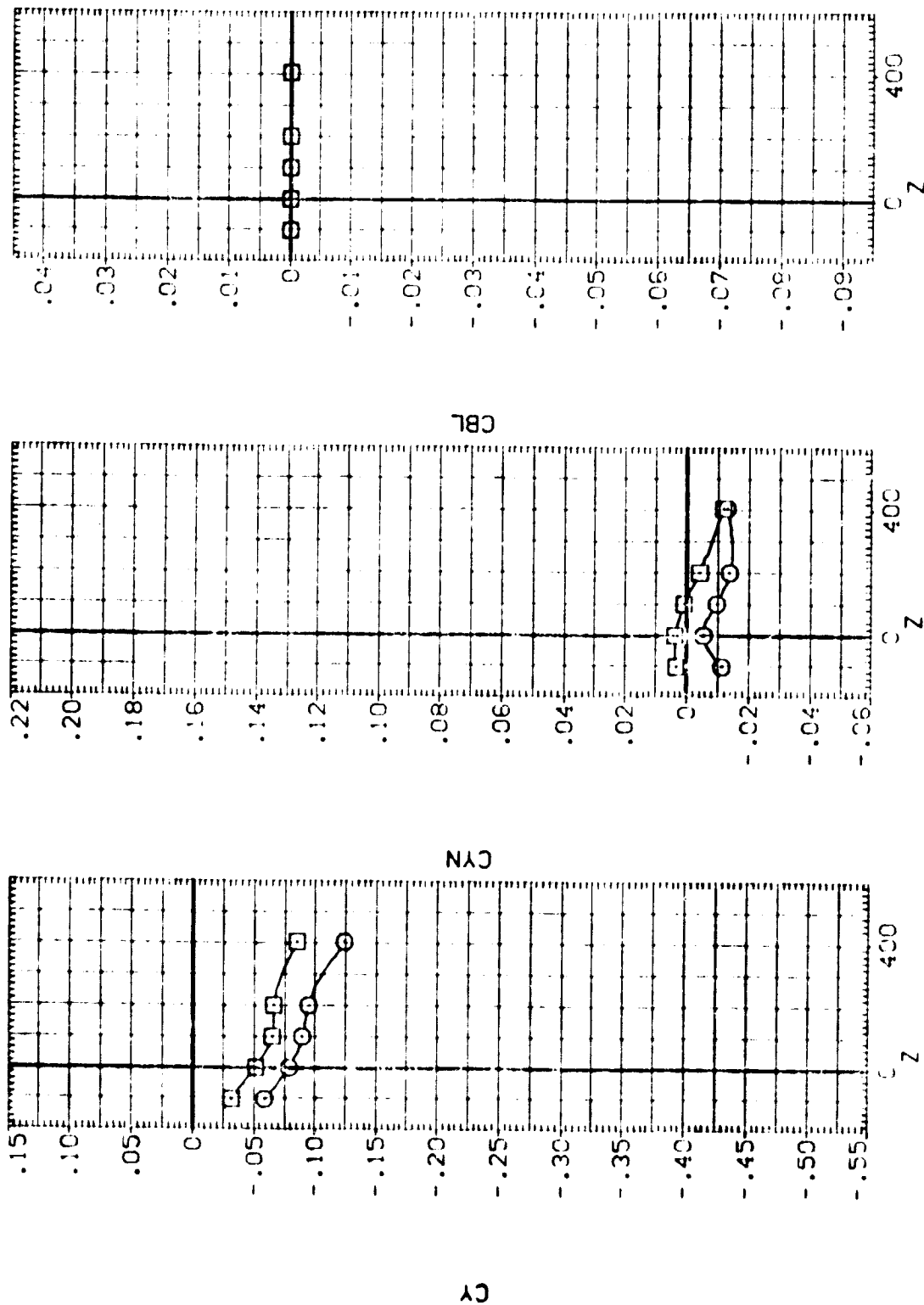


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=.5.7)

(A)Y = 10.00





DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU303) DATA NOT AVAILABLE  
 (ATU267) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET  
 (ATU273) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET  
 (ATU279) AEDC/VAS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET

REFERENCE INFORMATION  
 SREF 2690.0000 SQ. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XREF 1258.5000 IN. XS  
 YREF 400.0000 IN. YS  
 ZREF 400.0000 IN. ZS  
 SCALE .0100

MACH 4.520  
 DBETA 4.000  
 DALPHA .200  
 X 300.000  
 Y 300.000  
 Z 300.000

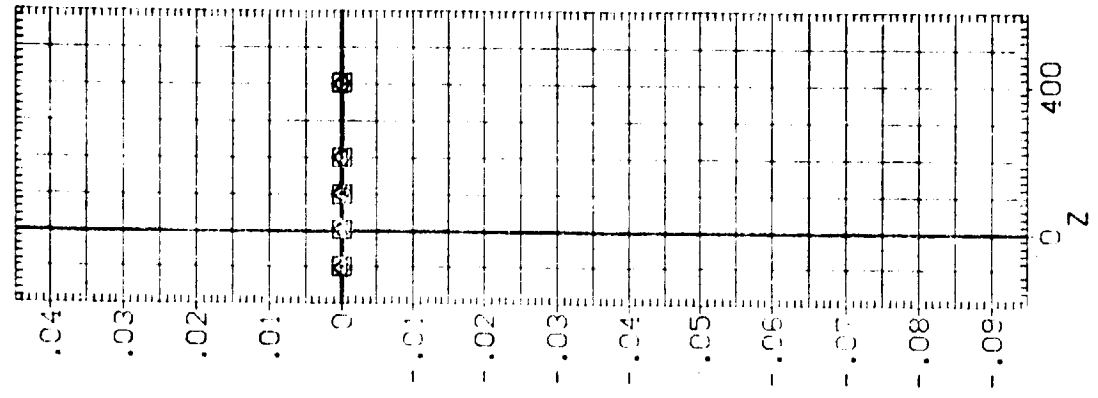
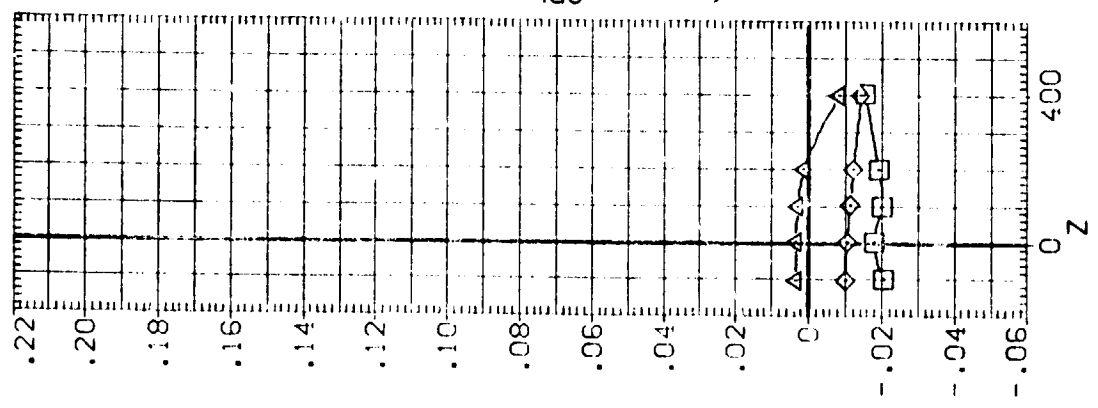
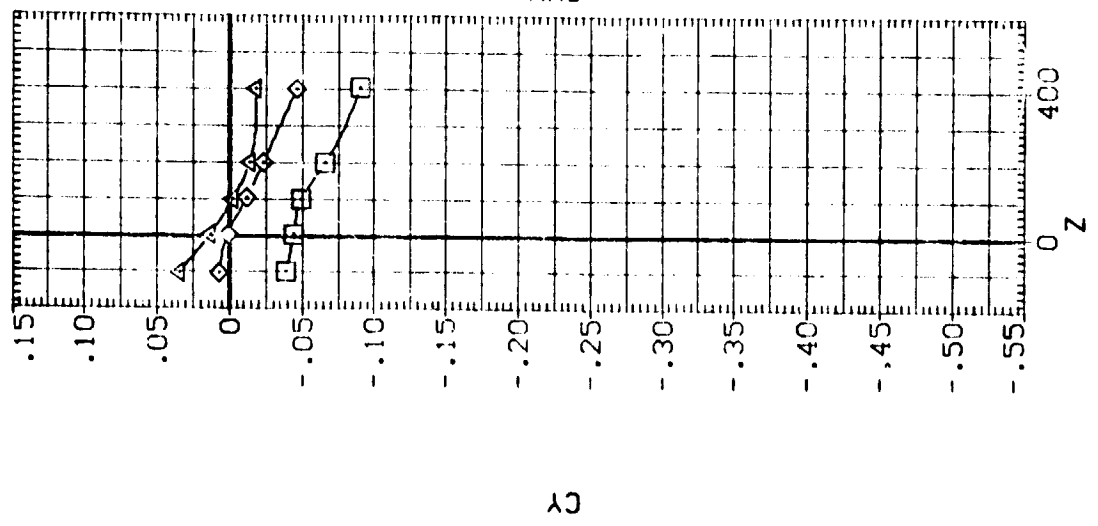


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(CY) = 200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU303) DATA NOT AVAILABLE  
 (ATU267) AEDC/VAS28(IAB7)-01ETISI-R/H SRB SEPAR. FROM O/ET  
 (ATU273) AEDC/VAS28(IAB7)-01ETISI-R/H SRB SEPAR. FROM O/ET  
 (ATU279) AEDC/VAS28(IAB7)-01ETISI-R/H SRB SEPAR. FROM O/ET

DALPHA DBETA X MACH  
 .200 4.000 300.000 4.520  
 .200 .000 300.000 4.520  
 .200 -4.000 300.000 4.520  
 .200 -8.000 300.000 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XPRP 1258.5000 IN. XS  
 YPRP .0000 IN. YS  
 ZPRP 400.0000 IN. ZS  
 SCALE .0100

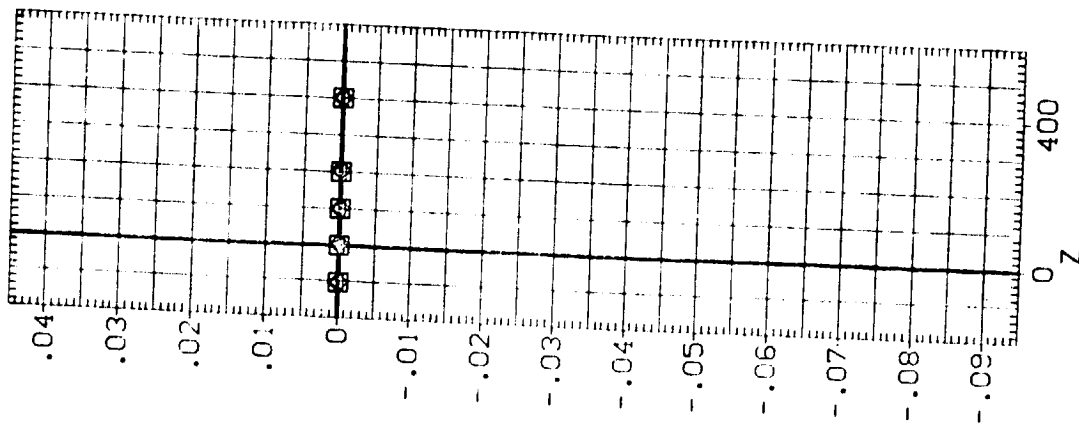
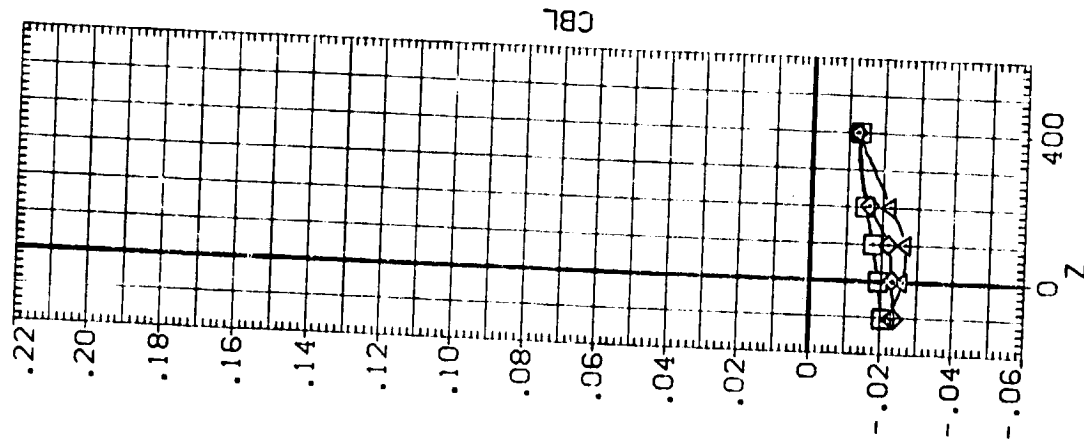
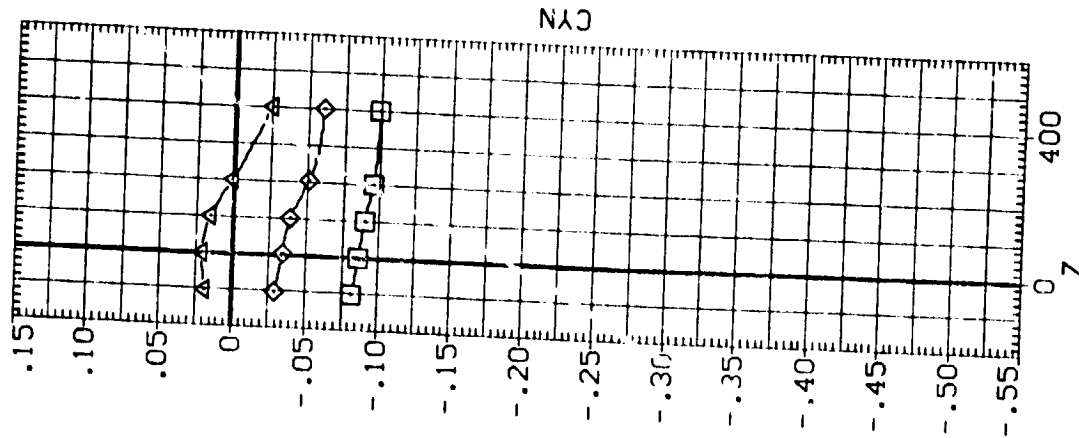


FIG.12 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)  
 (D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU305)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB	SRB	5.200	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU269)	AEDC/VAS28(1A87)-01ETIS1-R/H	SRB	SRB	5.200	4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU275)	DATA NOT AVAILABLE			5.200	-4.000	.000	4.520	BREF 1290.3000 INCHES
(ATU281)	DATA NOT AVAILABLE			5.200	-8.000	.000	4.520	YMRP 1258.5000 IN. YS
								ZMRP .0000 IN. ZS
								SCALE 400.0000 .0100

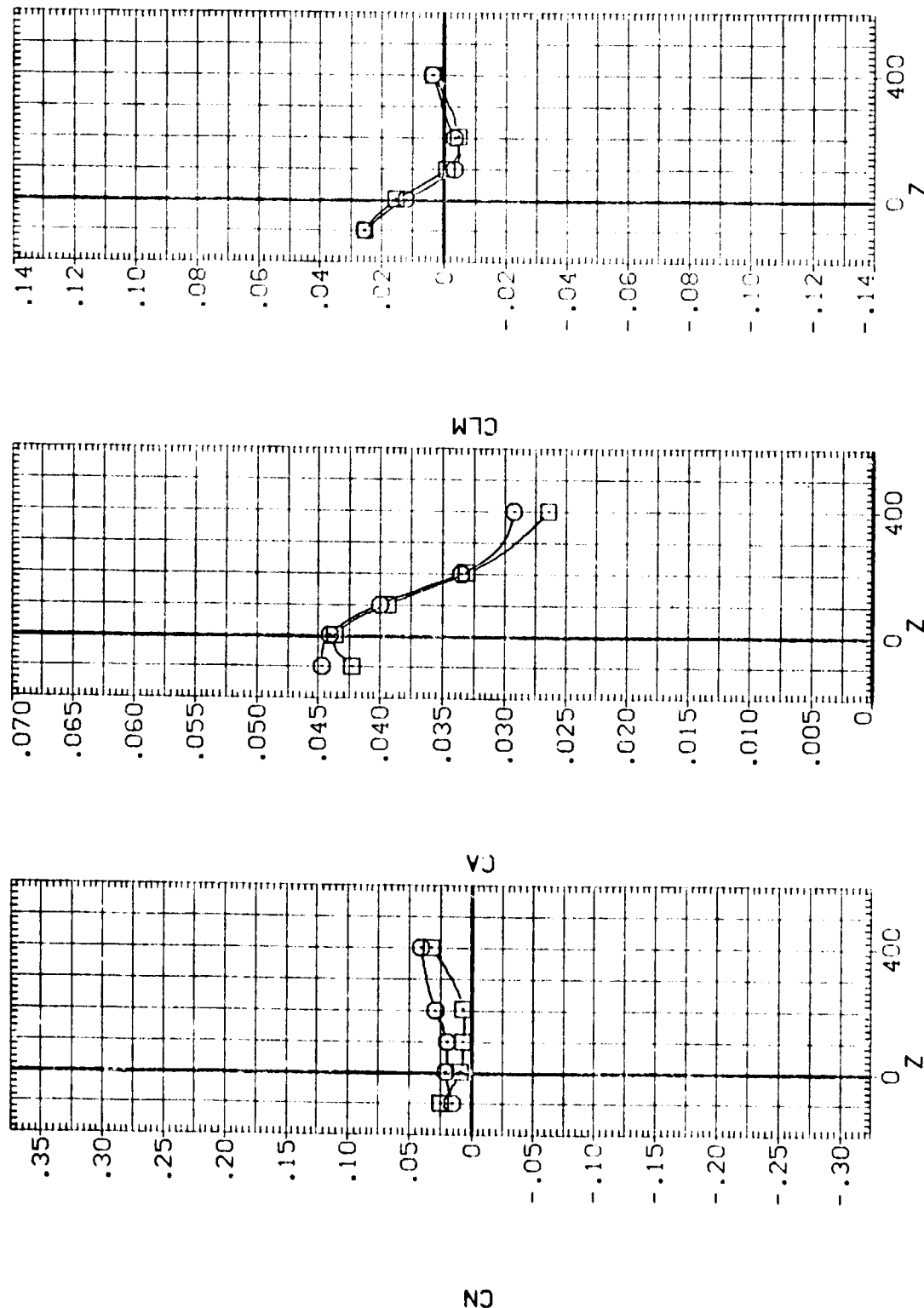


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU305)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	4.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU269)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU275)	AEDC/VA528(1A87)-01ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	-4.000	.000	4.520	BREF 1290.3000 INCHES
(ATU281)	DATA NOT AVAILABLE		5.200	-8.000	.000	4.520	XMRP 1258.5000 IN. YS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

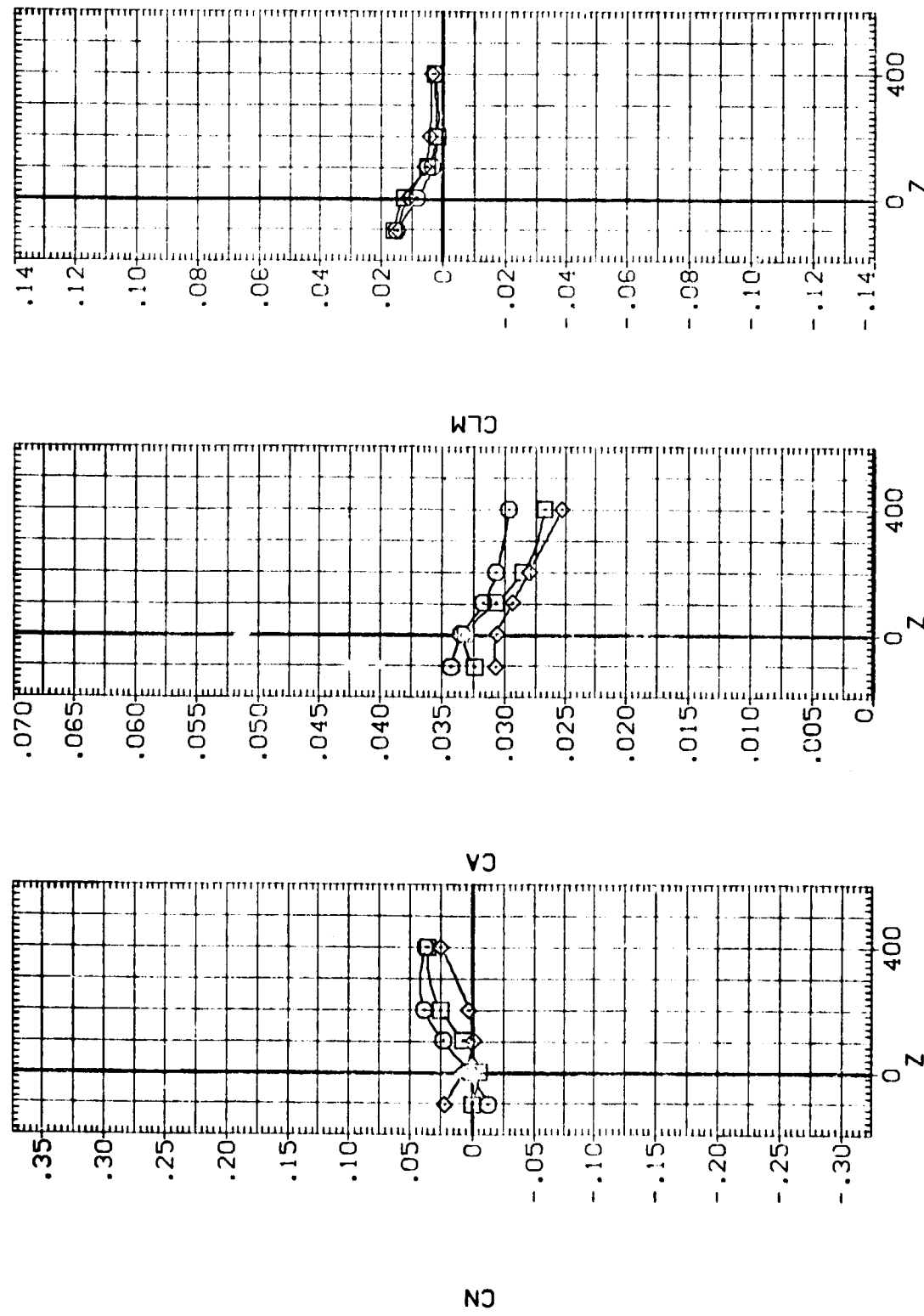


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU305)	AEDC/VAS28(IAB7)-O1ETIS1-R/H	SRB SEPAR. FROM O/E/T	5.200	4.000	.000	4.520	SREF 2650.0000 SQ. FT.
(ATU269)	AEDC/VAS28(IAB7)-O1ETIS1-R/H	SRB SEPAR. FROM O/E/T	5.200	.000	.000	4.520	LREF 1250.3000 INCHES
(ATU275)	AEDC/VAS28(IAB7)-O1ETIS1-R/H	SRB SEPAR. FROM O/E/T	5.200	-4.000	.000	4.520	BREF 1250.3000 INCHES
(ATU281)	AEDC/VAS28(IAB7)-O1ETIS1-R/H	SRB SEPAR. FROM O/E/T	5.200	-8.000	.000	4.520	YMRP 1258.5000 IN. X S
							ZMRP 400.0000 IN. X S
							SCALE .0100

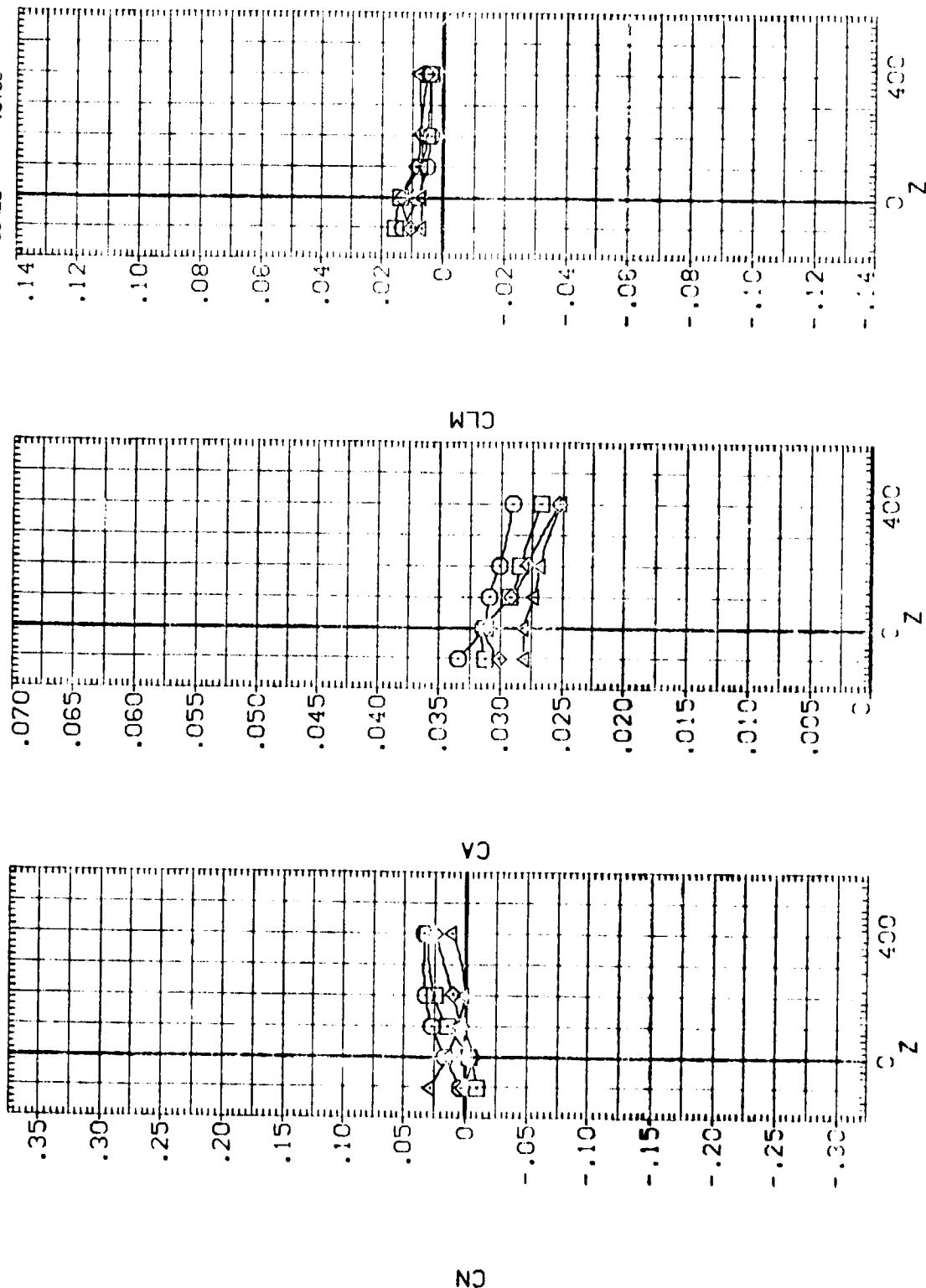


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=-.5 BETA=15.7)

(C)Y = 200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	MACH	REFERENCE INFORMATION
(ATU205)	DATA NOT AVAILABLE	5.200	4.000	4.520	SREF 2690.0000 SQ.FT.
(ATU269)	AEDC/AS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET	5.200	4.000	4.520	LREF 1290.3000 INCHES
(ATU275)	AEDC/AS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET	5.200	4.000	4.520	BREF 1290.3000 INCHES
(ATU281)	AEDC/AS28(1A87)-01ETIS1-R/H SRB SEPAR. FROM O/ET	5.200	-8.000	4.520	YARP 1258.5000 IN. XS
					ZARP 400.0000 IN. YS
					SCALE .0100

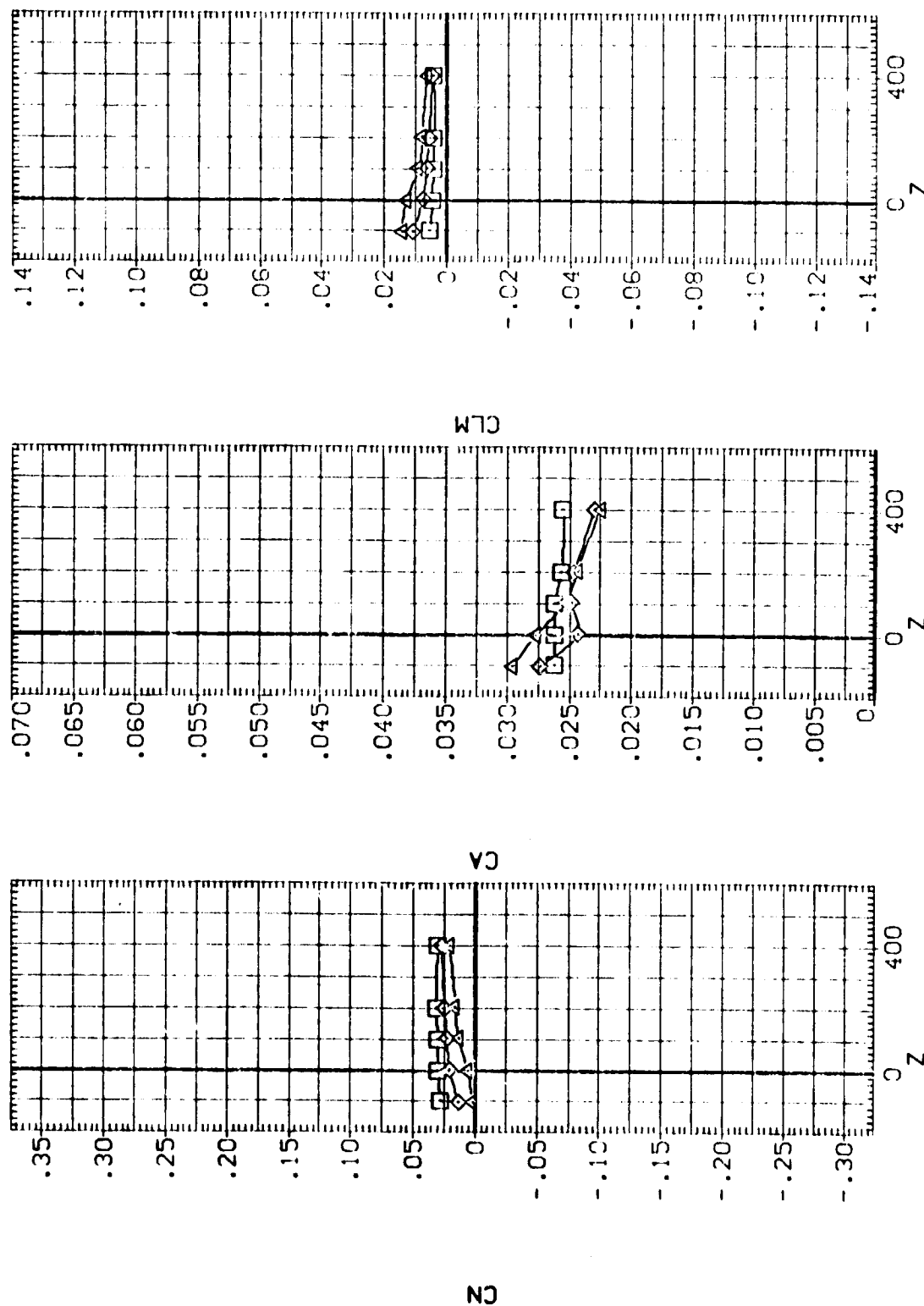


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(DY) = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU305)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	5.200	4.000	.000	4.520	SREF 2690.0000 SQ. FT.
(ATU269)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU275)	DATA NOT AVAILABLE			5.200	-4.000	.000	4.520	BREF 1290.3000 INCHES
(ATU281)	DATA NOT AVAILABLE			5.200	-8.000	.000	4.520	XMRP 259.5000 IN. XS
								YMRP .0000 IN. YS
								ZMRP 400.0000 IN. ZS
								SCALE .0100

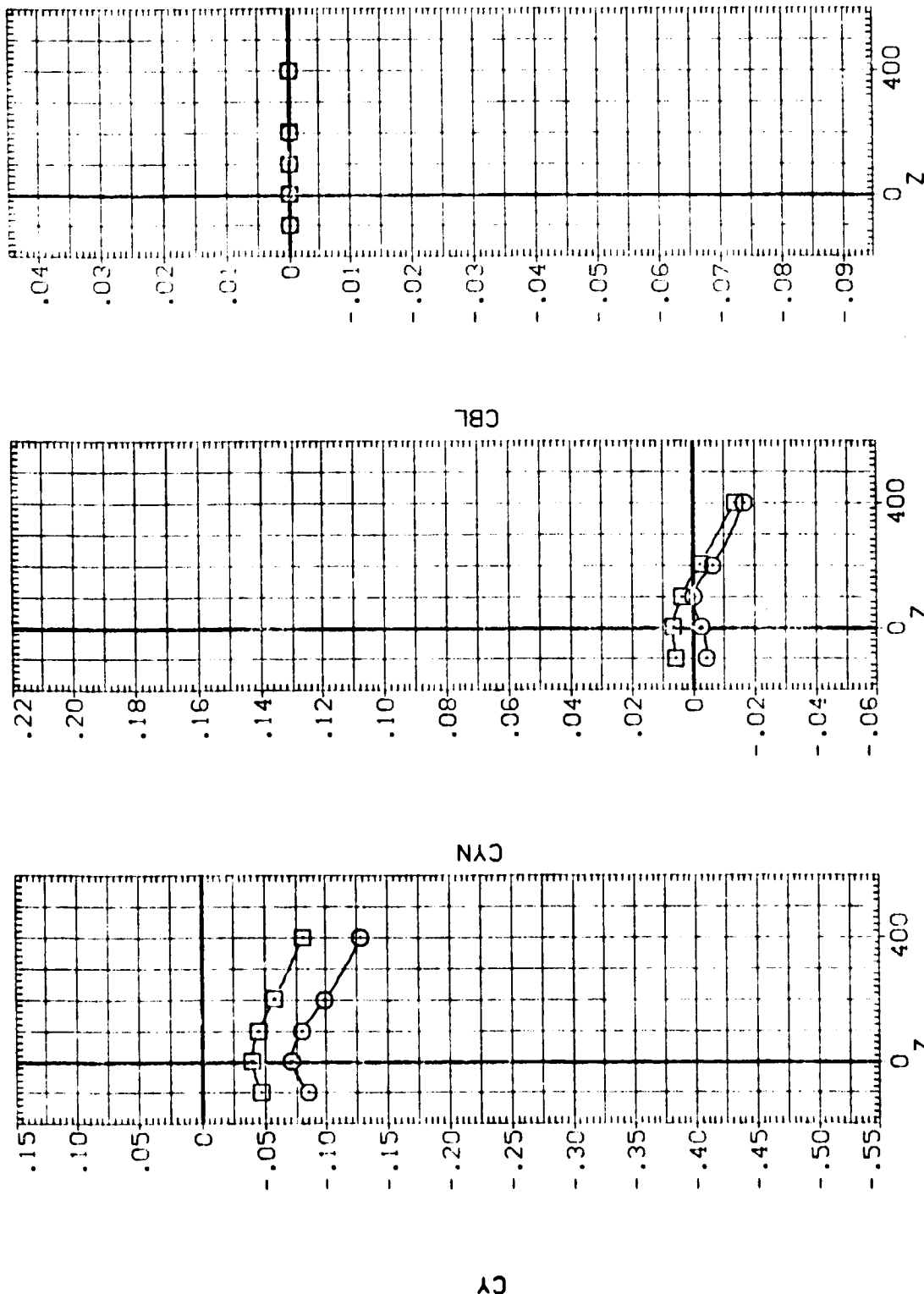


FIG.12 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU305)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	5.200	4.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU269)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU275)	AEDC/VAS28(1A87)-01ET1S1-R/H	SRB	5.200	-4.000	.000	4.520	BREF 1290.3000 INCHES
(ATU281)	DATA NOT AVAILABLE	SRB	5.200	-8.000	.000	4.520	YREF 1258.5000 IN. YS
							ZREF 400.0000 IN. ZS
							SCALE .0100

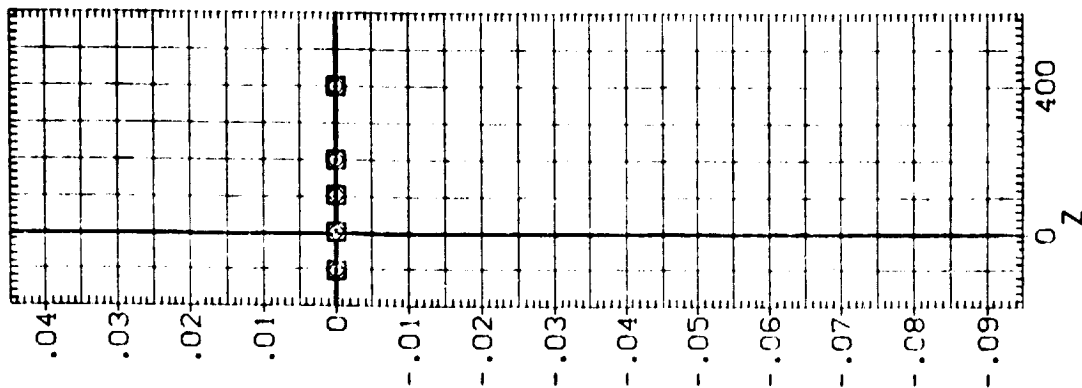
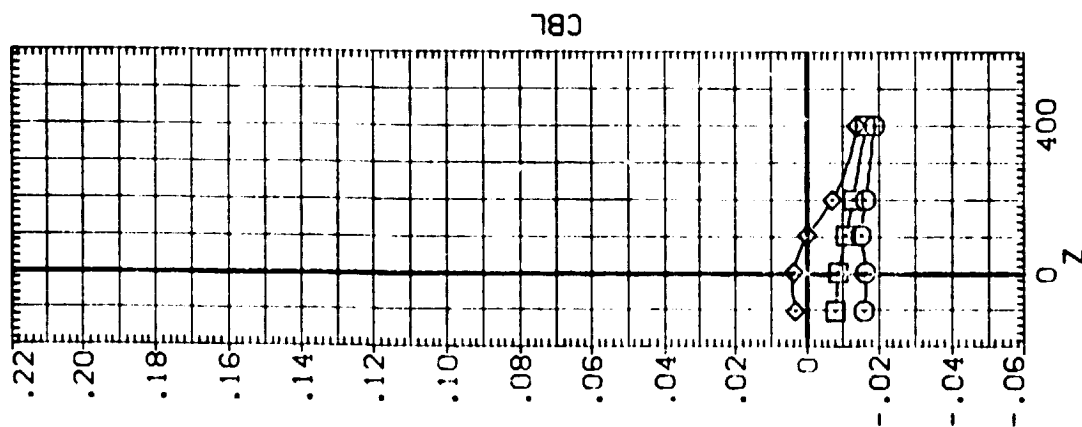
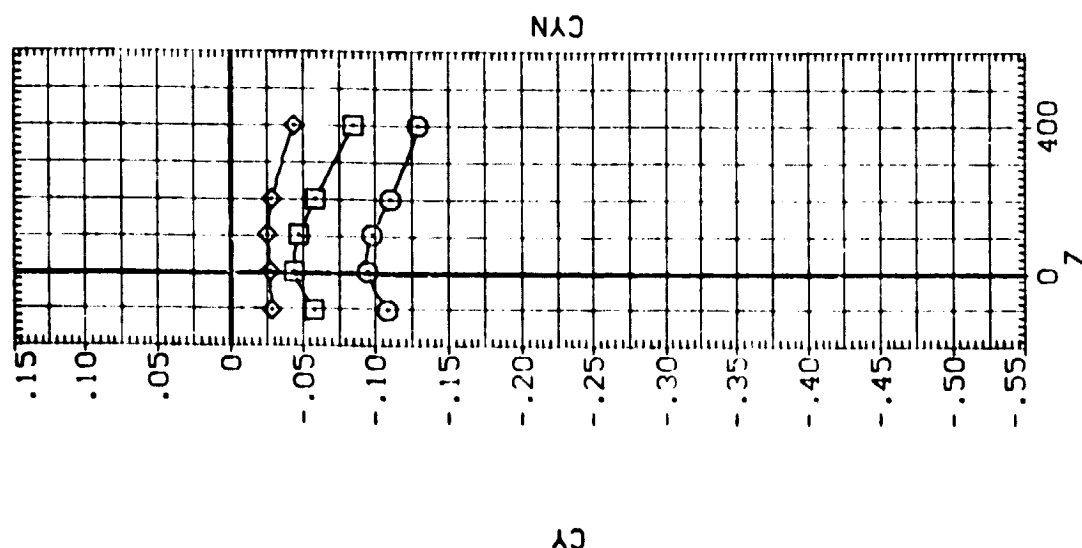


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/E/T (ALPHA=-.5 BETA=15.7)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU305)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	4.000	.000	4.520	SREF 2690.0000 SO.FT
(ATU269)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU275)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	-4.000	.000	4.520	BREF 1290.3000 INCHES
(ATU281)	AEDC/VAS28(IAB7)-O1ET1S1-R/H	SRB SEPAR. FROM O/ET	5.200	-8.000	.000	4.520	XHRP 1258.5000 IN. YS
							YHRP .0000 IN. YS
							ZHRP .0000 IN. ZS
							SCALE .0100

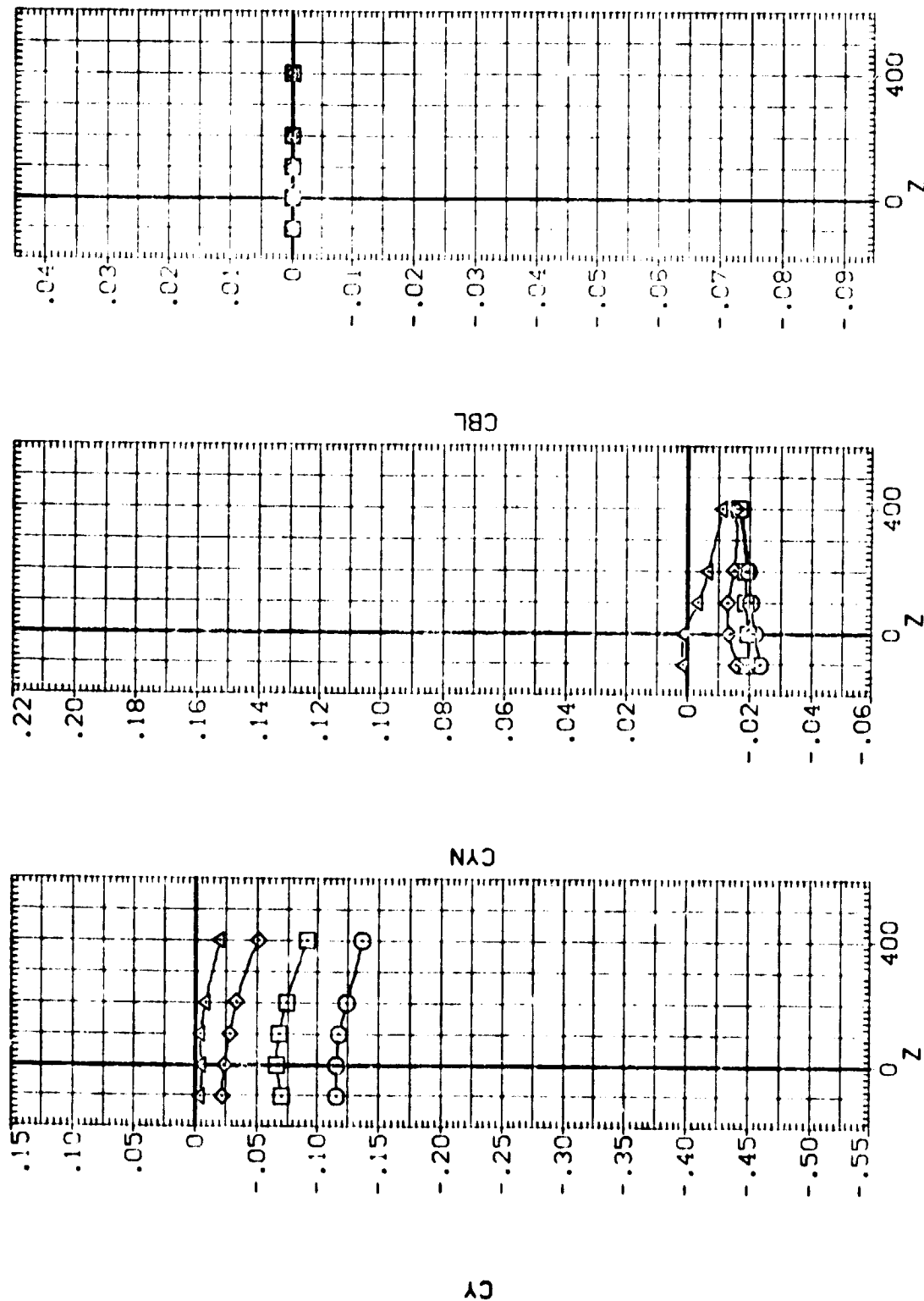


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(C)Y = 200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU305) DATA NOT AVAILABLE  
 (ATU269) AEDC/VA528(1A67)-01ETIS1-R/H SRB SEPAR FROM O/ET  
 (ATU275) AEDC/VA528(1A67)-01ETIS1-R/H SRB SEPAR FROM O/ET  
 (ATU281) AEDC/VA528(1A67)-01ETIS1-R/H SRB SEPAR FROM O/ET

DALPHA DBETA X MACH REFERENCE INFORMATION  
 5.200 4.000 .000 4.520 SREF 2690.0000 SQ.FT.  
 5.200 4.000 .000 4.520 LREF 1290.3000 INCHES  
 5.200 4.000 .000 4.520 SREF 1290.3000 INCHES  
 5.200 4.000 .000 4.520 XMRP 1290.3000 IN. XS  
 ZMRP .0000 IN. YS  
 SCALE 400.0000 IN. ZS

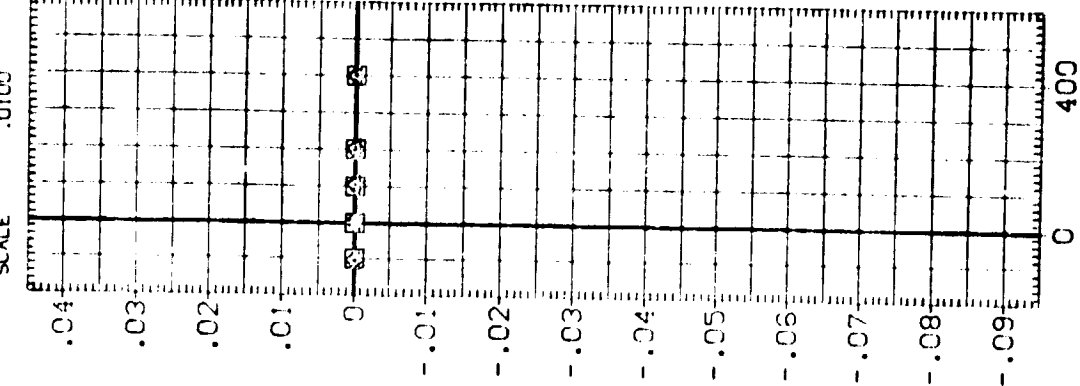
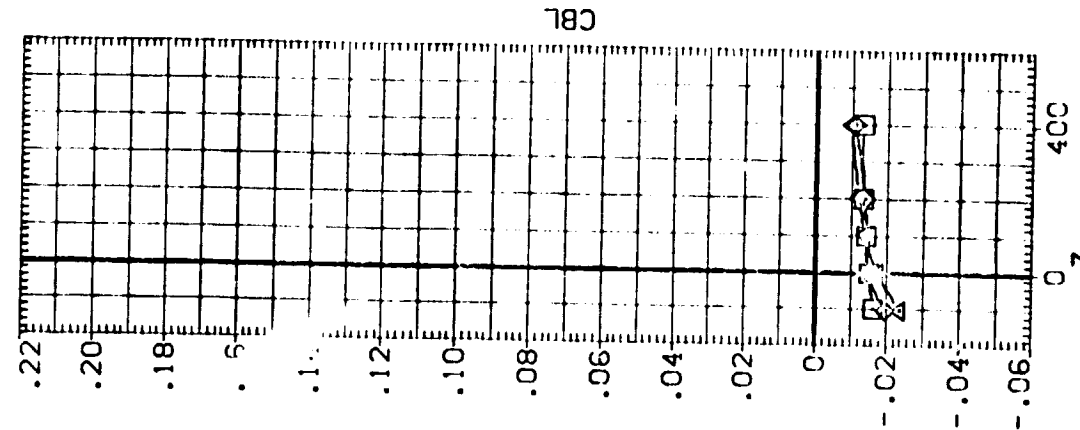
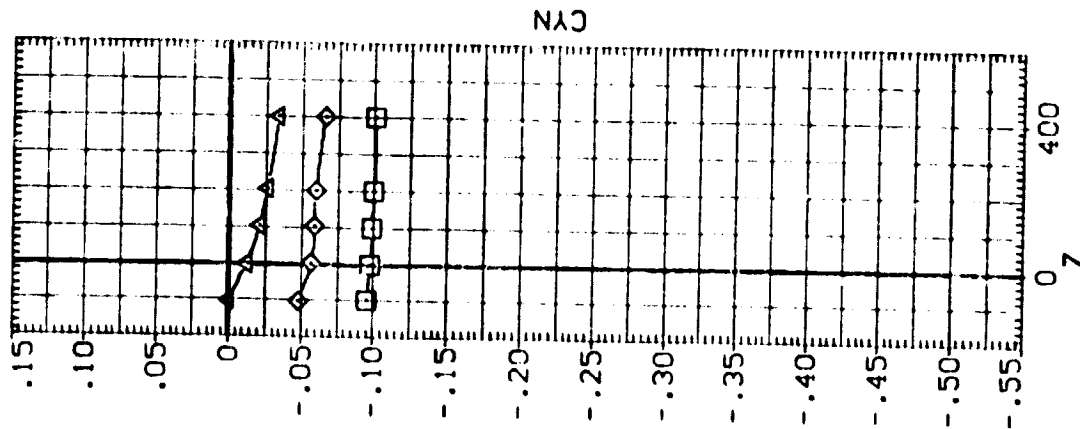


FIG.12 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=-.5 BETA=15.7)  
 (O)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/VET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU304)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/VET	5.200	4.000	300.000	4.520	SREF 2690.0000 50. FT.
(ATU268)	AEDC/VAS28(1A87)-O1ET1S1-R/H	SRB SEPAR. FROM O/VET	5.200	4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU274)	DATA NOT AVAILABLE		5.200	-4.000	300.000	4.520	BREF 1290.3000 INCHES
(ATU280)	DATA NOT AVAILABLE		5.200	-8.000	300.000	4.520	XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

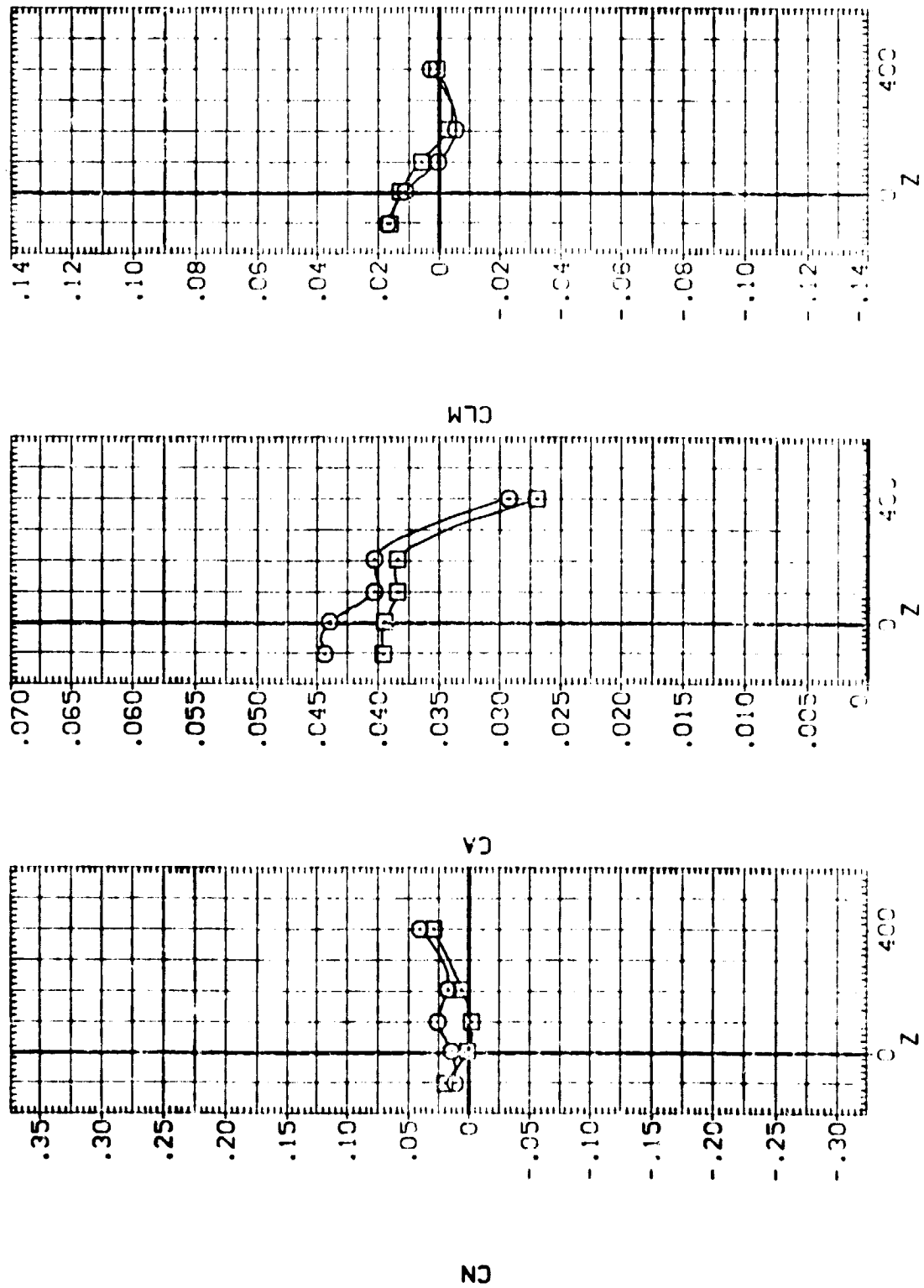


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/VET (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(ATU304)    AEDC/VAS28(1A87)-O1ET1S1-R/H

(ATU268)    AEDC/VAS28(1A87)-O1ET1S1-R/H

(ATU274)    AEDC/VAS28(1A87)-O1ET1S1-R/H

(ATU280)    DATA NOT AVAILABLE

MACH    REFERENCE INFORMATION

4.520    SRFF    2680.0000    SQ.FT.

4.520    LREF    1290.3000    INCHES

4.520    BRFF    1290.3000    INCHES

4.520    X-RP    1258.5000    IN. XS

4.520    Y-RP    1000    IN. YS

4.520    Z-RP    400.0000    IN. ZS

SCALE    100

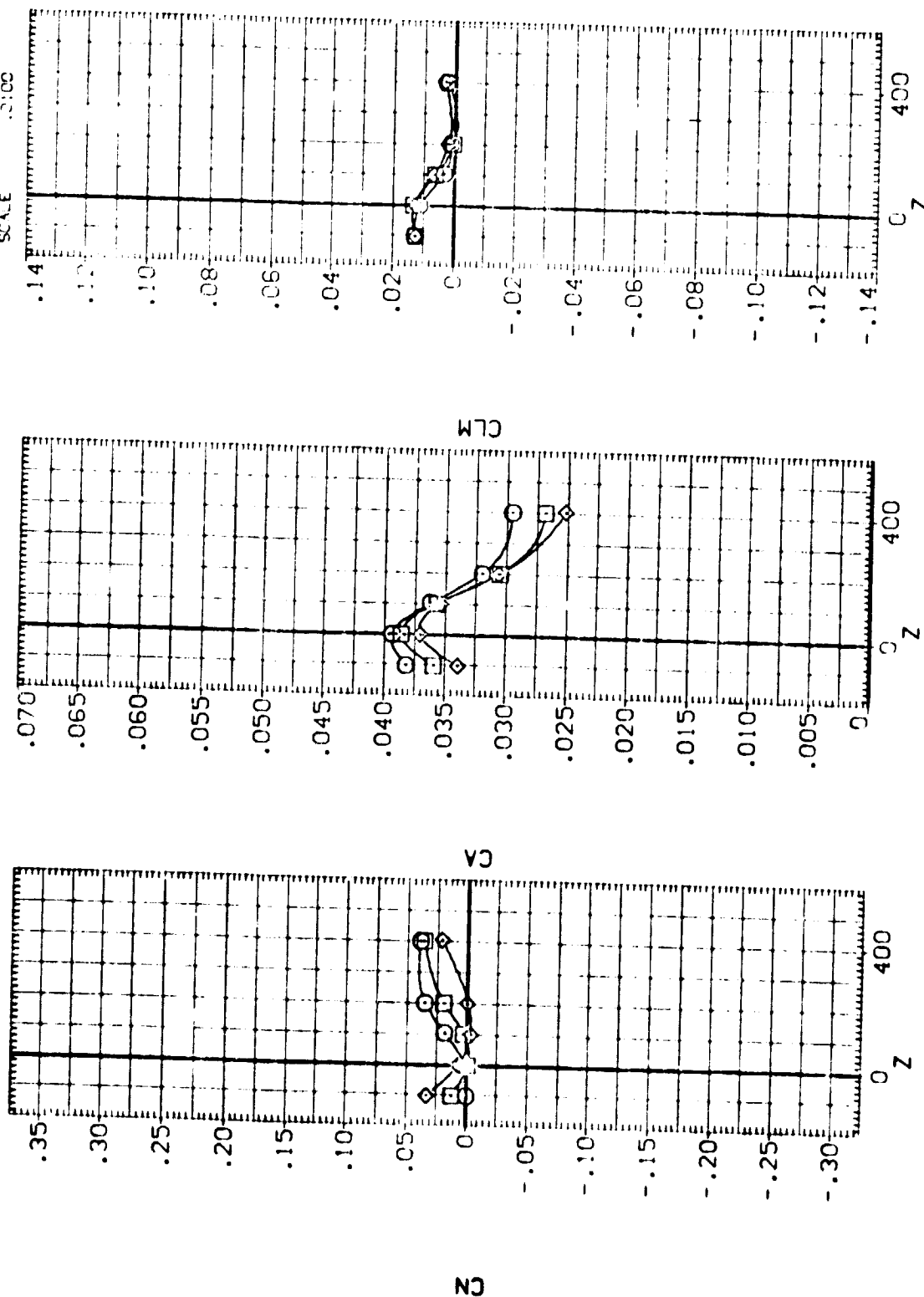


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(B)Y = 100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU004) DATA NOT AVAILABLE  
 (ATU268) AEDC/VAS28(IAB7)-O1ETIS1-R/H SRB SEPAR FROM O/ET  
 (ATU274) AEDC/VAS28(IAB7)-O1ETIS1-R/H SRB SEPAR FROM O/ET  
 (ATU280) AEDC/VAS28(IAB7)-O1ETIS1-R/H SRB SEPAR FROM O/ET

ALPHA DBETA X  
 5.200 4.000 300.000  
 5.200 4.000 300.000  
 5.200 4.000 300.000  
 5.200 -8.000 300.000

MACH REFERENCE INFORMATION  
 4.520 SREF 2690.0000 50.FT.  
 4.520 LREF 1250.3000 INCHES  
 4.520 BREF 1250.3000 INCHES  
 4.520 XREF 1258.5000 IN. YS  
 YREF 0.0000 IN. YS  
 ZREF 400.0000 IN. ZS  
 SCALE 0.000

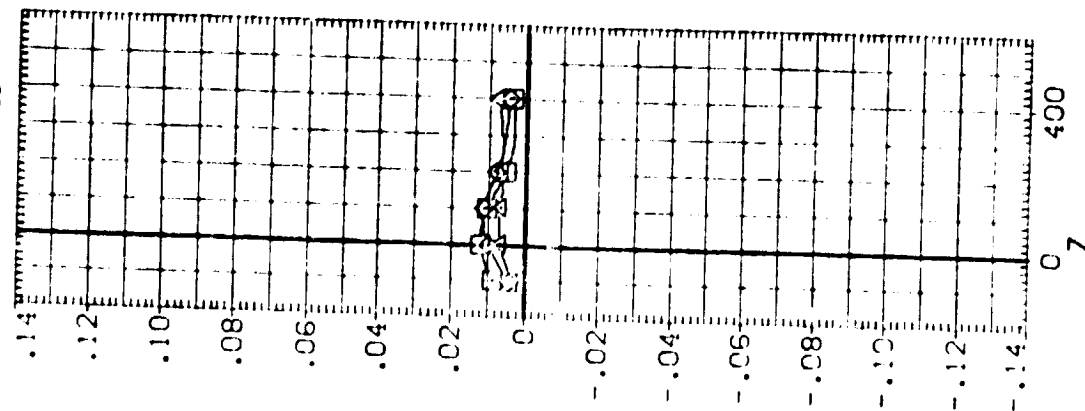
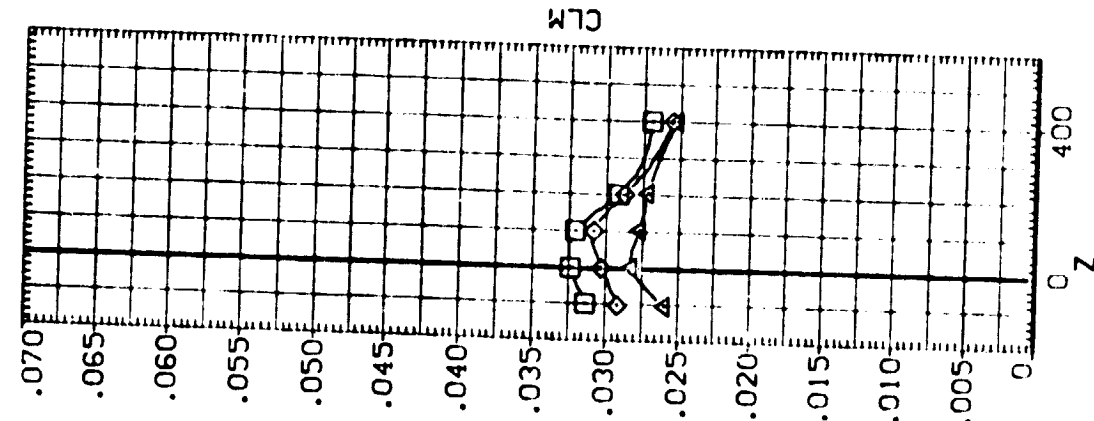
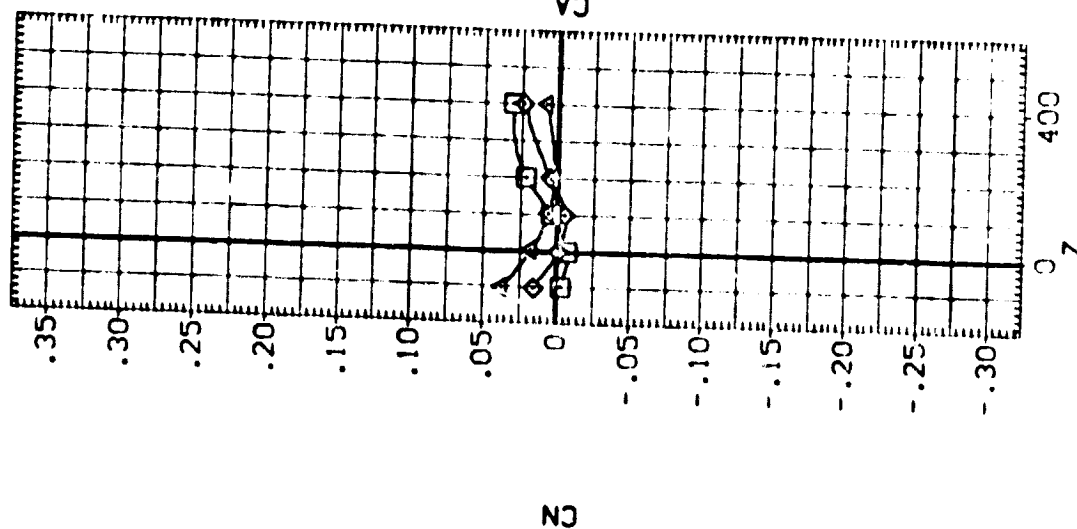


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(C)Y = 200.00



[ ATU304 ]
   
 [ ATU268 ]
   
 [ ATU274 ]
   
 [ ATU280 ]

DATA NOT AVAILABLE

AEDEC/VAS28 (1A87) -O1ET ISI -R/M SSB SEPAR. FROM O1ET  
AEDEC/VAS28 (1A87) -O1ET ISI -R/M SSB SEPAR. FROM O1ET  
AEDEC/VAS28 (1A87) -O1ET ISI -R/M SSB SEPAR. FROM O1ET

**DAL PWA**

DBETA	X
4.000	300.000
.000	300.000
-4.000	300.000
-8.000	300.000

**MACH**

## REFERENCE

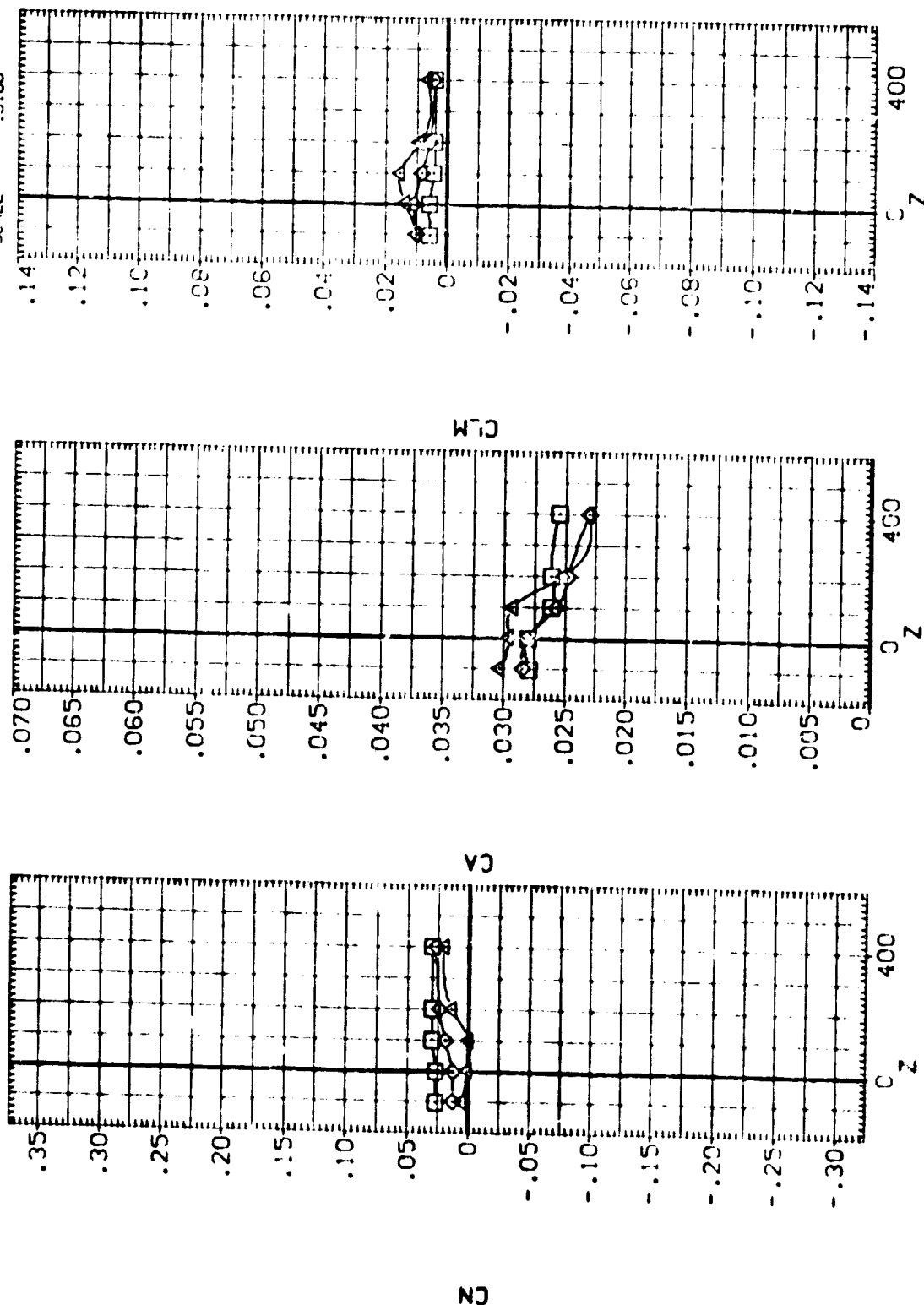


FIG.12 RIGHT SRB AERO CHARACTERISTICS  
(DY) = 400.00  
ALPHA = -.5 BETA = 15.7

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU204)	AEDC/VAS28(1A87)-01ET1S1-R/H	5.200	4.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU268)	AEDC/VAS28(1A87)-01ET1S1-R/H	5.200	4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU274)	DATA NOT AVAILABLE	5.200	-4.000	300.000	4.520	BREF 1290.3000 INCHES
(ATU280)	DATA NOT AVAILABLE	5.200	-8.000	300.000	4.520	XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

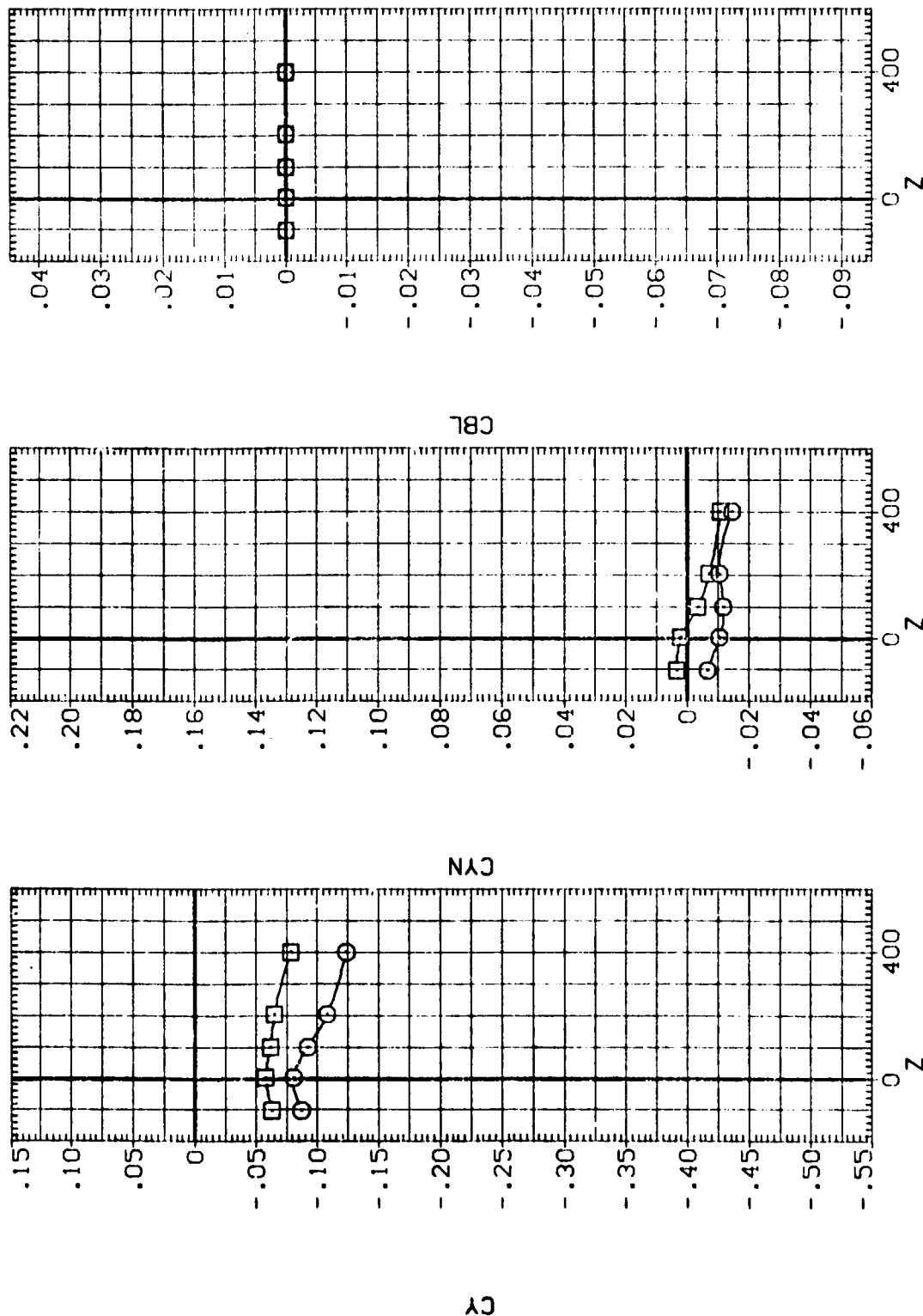


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU304) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET  
 (ATU268) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET  
 (ATU274) AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR. FROM 0/ET  
 (ATU280) DATA NOT AVAILABLE

DALPHA 5.200  
 DBETA 4.000  
 X 300.000  
 MACH 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 YMRP 258.5000 IN. XS  
 ZMRP 400.0000 IN. YS  
 SCALE .0100

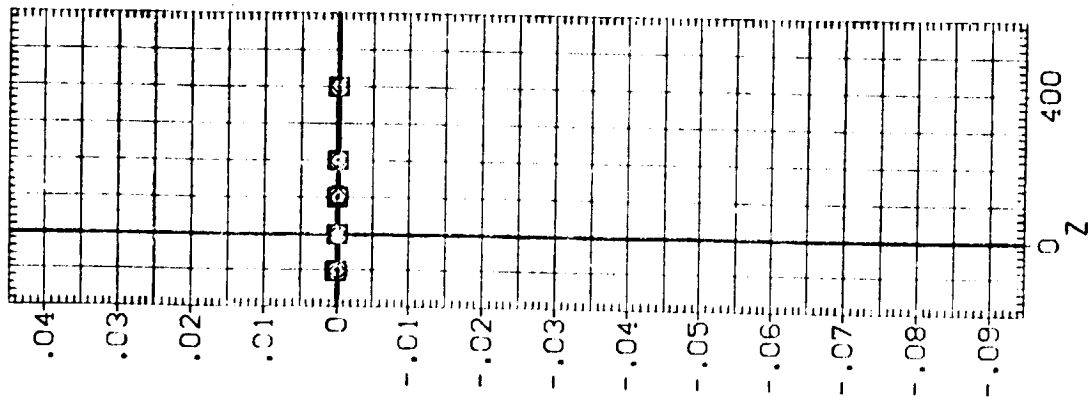
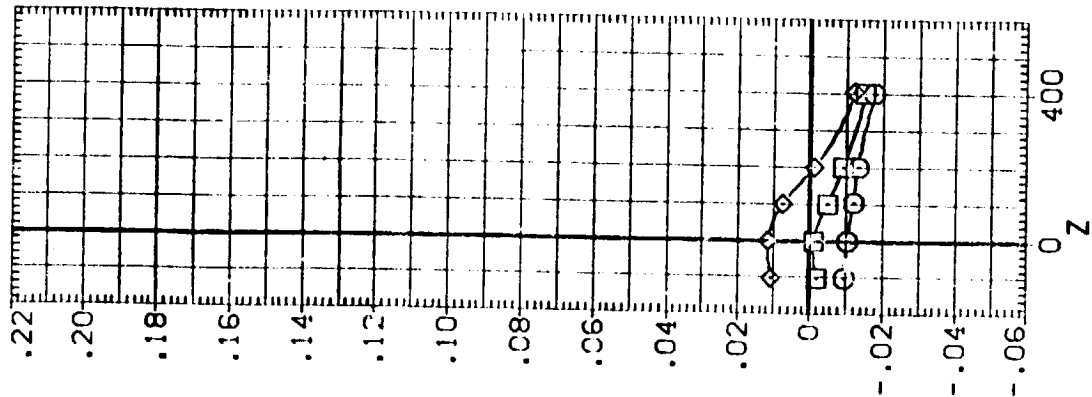
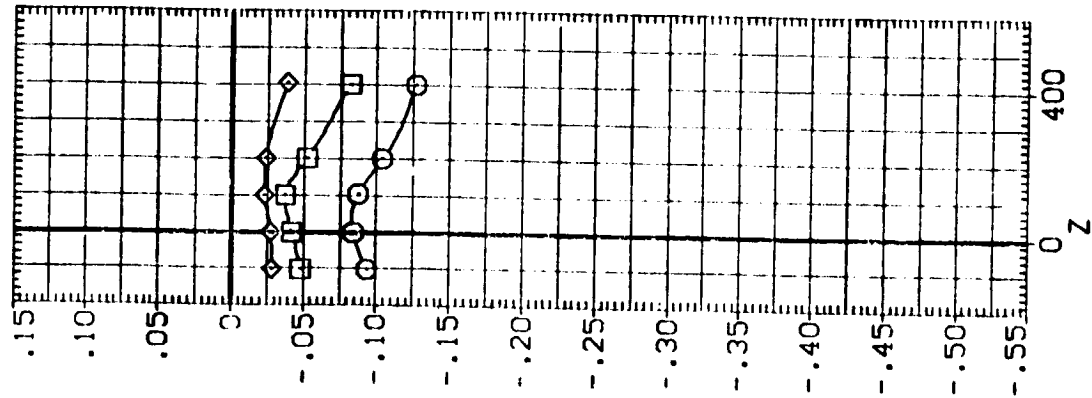


FIG.12 RIGHT SRB AERO CHARACTERISTICS SEPARATING FROM 0/ET (ALPHA=-.5 BETA=15.7)  
 (B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU304)	DATA NOT AVAILABLE	5.200	4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU268)	AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR.FROM 0/ET	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU274)	AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR.FROM 0/ET	5.200	-4.000	300.000	4.520	BREF 1290.3000 INCHES
(ATU280)	AEDC/VAS28(1A87)-01ET1S1-R/H SRB SEPAR.FROM 0/ET	5.200	-8.000	300.000	4.520	XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

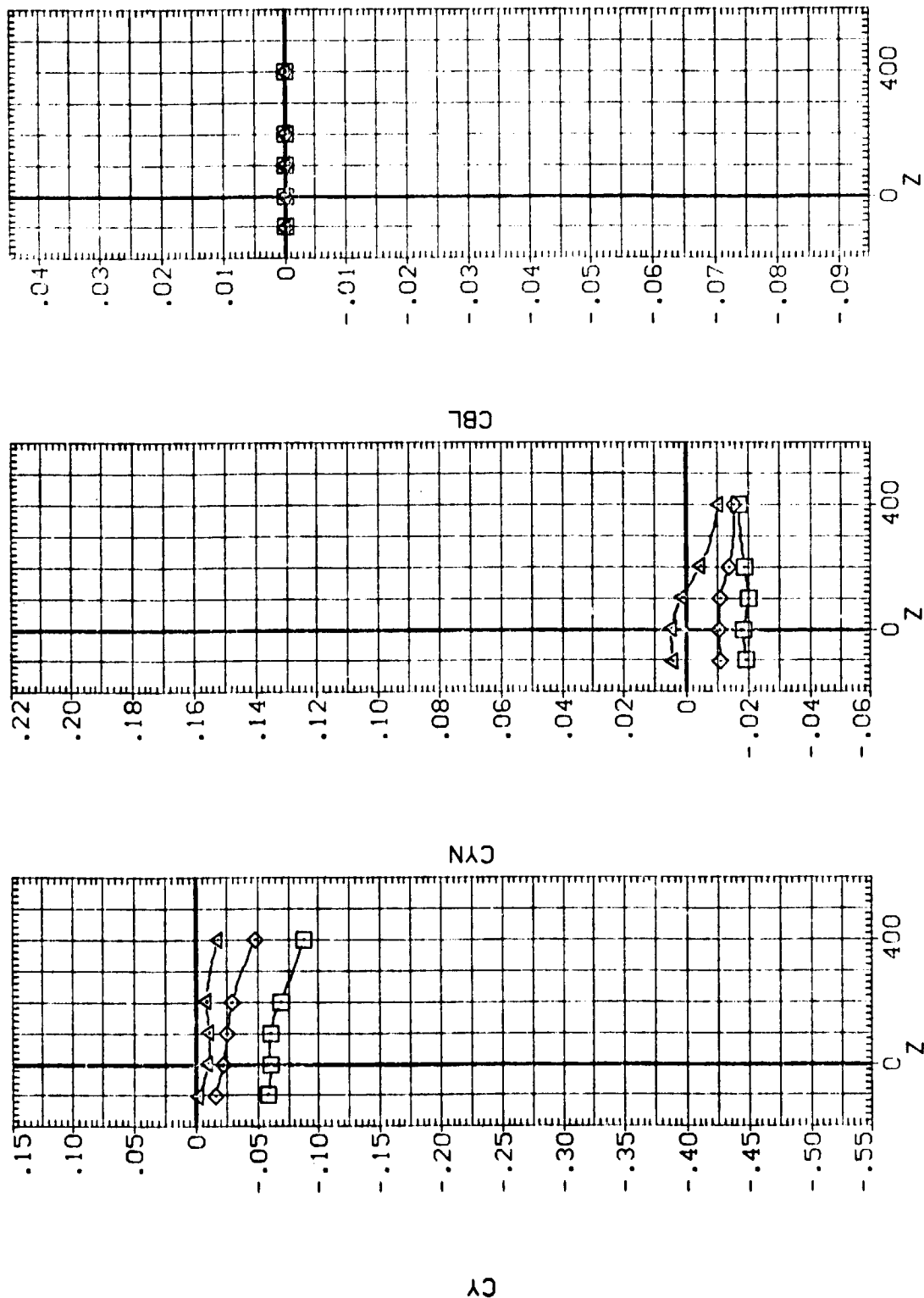


FIG.12 RIGHT SRB AERO CHARACT SEPARATING FROM 0/ET (ALPHA=-.5 BETA=15.7)

(C)Y = 200.00

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(ATU304)      DATA NOT AVAILABLE

(ATU268)      AEDC/VAS28(1A87)-01ETISI-R/H SRB SEPAR. FROM O/ET

(ATU274)      AEDC/VAS28(1A87)-01ETISI-R/H SRB SEPAR. FROM O/ET

(ATU280)      AEDC/VAS28(1A87)-01ETISI-R/H SRB SEPAR. FROM O/ET

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.

LREF 1290.3000 INCHES

SRF 1290.3000 INCHES

XPRP 1255.5000 IN. XS

YMRP .0000 IN. YS

ZMRP 400.0000 IN. ZS

SCALE .0100

MACH 4.520

DBETA 4.000

ALPHA 5.200

X 300.000

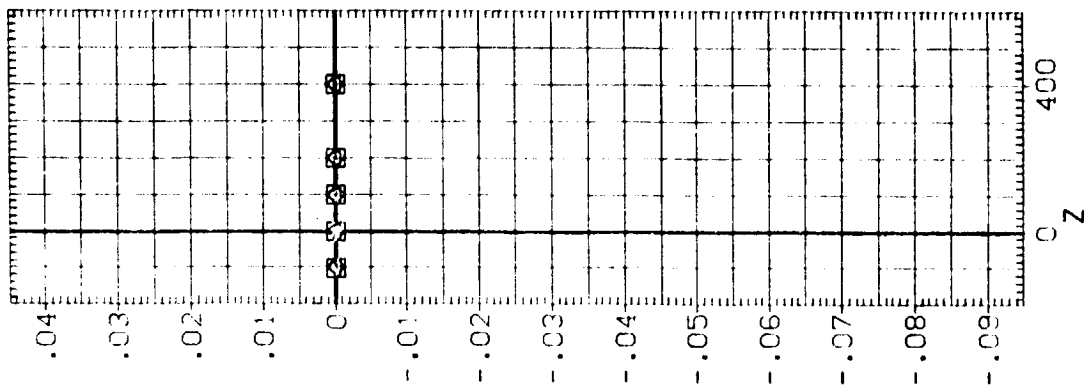
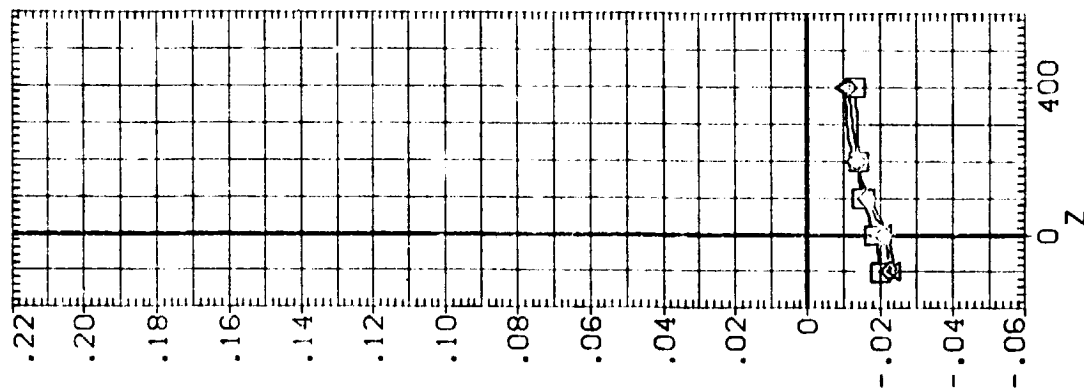
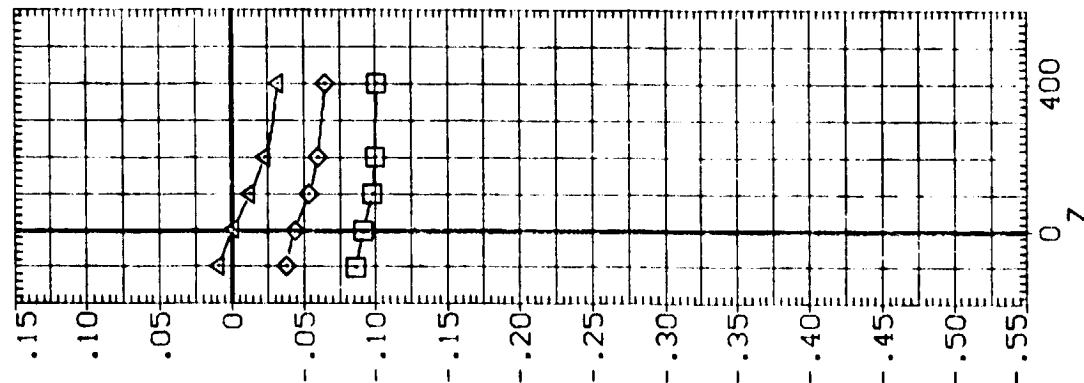


FIG.12 RIGHT SRB AERO CHARACTERISTICS FROM O/ET (ALPHA=-.5 BETA=15.7)

(D)Y = 400.00

DATA SET SYMBOL  
(ATU019)  
(ATU022)  
(ATU023)

CONFIGURATION DESCRIPTION  
AEC/VAS28(.87)-01ETIS1-L/H SRB  
AEC/VAS28(.87)-01ETIS1-L/H SRB  
DATA NOT AVAILABLE

SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET

DALPHA  
0.000  
5.000  
-5.000

DBETA  
0.000  
0.000  
0.000

X

0.000  
0.000  
0.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
YMRP 1258.5000 IN. YS  
ZMRP 1258.5000 IN. ZS  
SCALE 400.0000

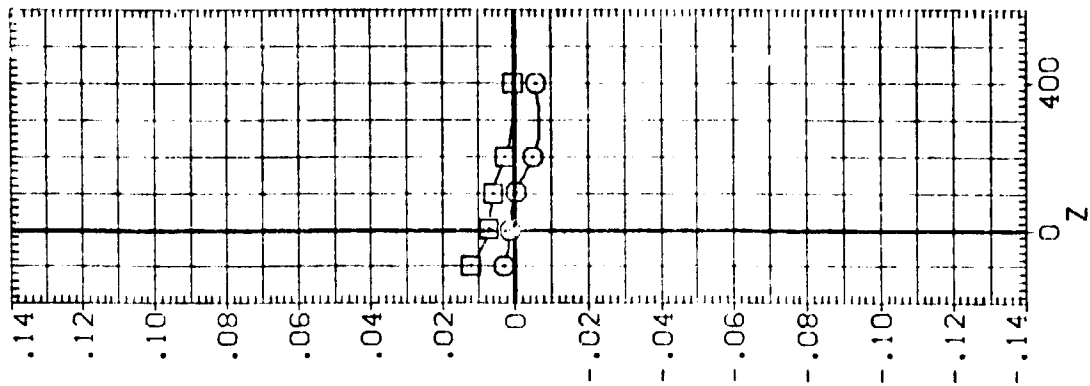
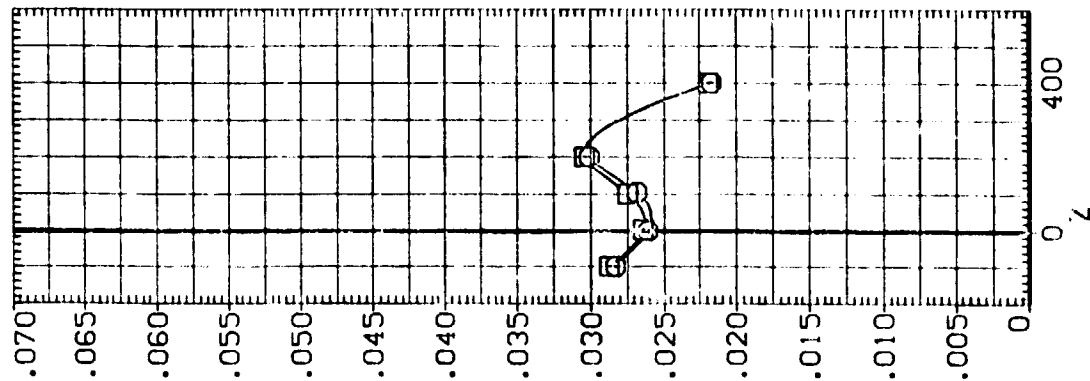
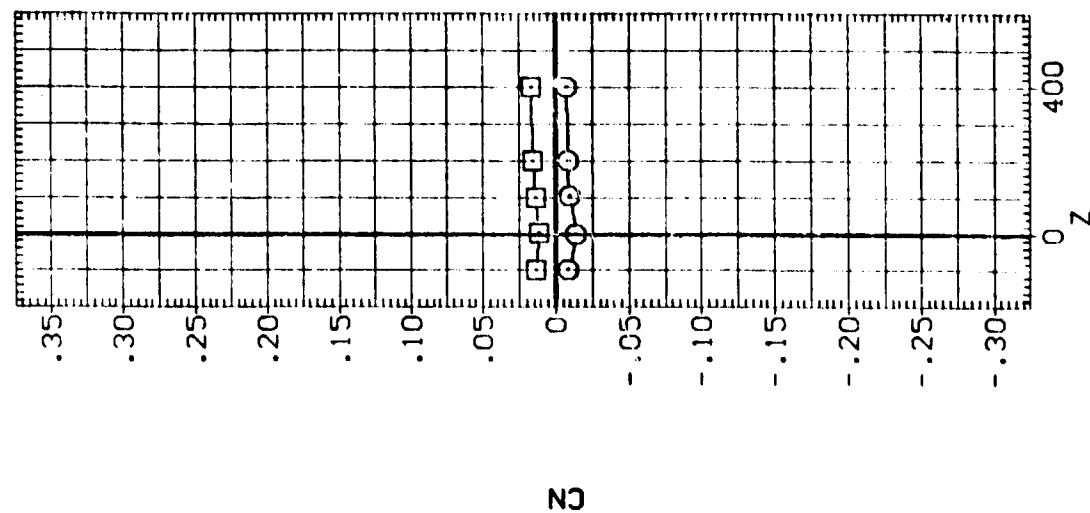


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-.4 BETA=0)

(A)Y = -10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU019) AEDC/VAS28(1A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET  
 (ATU022) AEDC/VAS28(1A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET  
 (ATU023) AEDC/VAS28(1A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET

MACH 4.520  
 SREF 2690.0000  
 LREF 1290.3000  
 BREF 1290.3000  
 XMRP 1258.5000  
 YMRP .0000  
 ZMRP 400.0000  
 SCALE .0100

DBETA .000  
 DALPHA .000  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

SO. FT. INCHES  
 IN. XS IN. YS IN. ZS

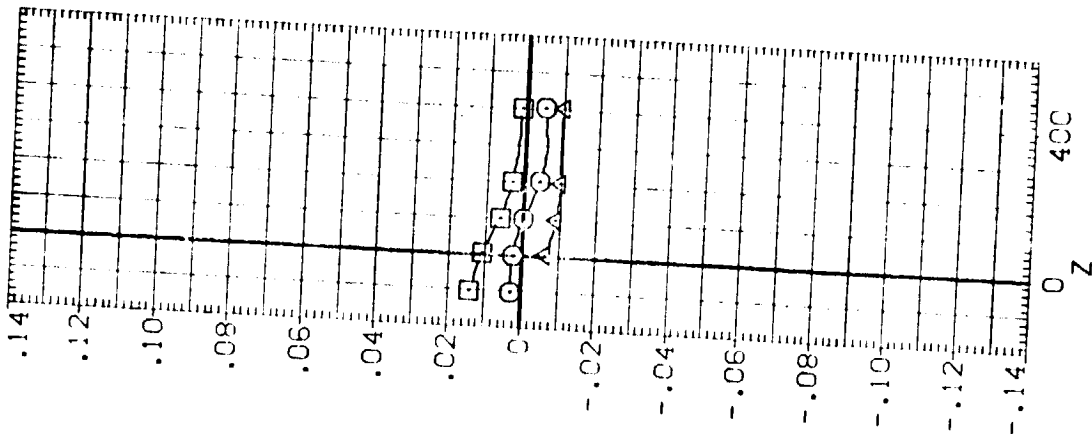
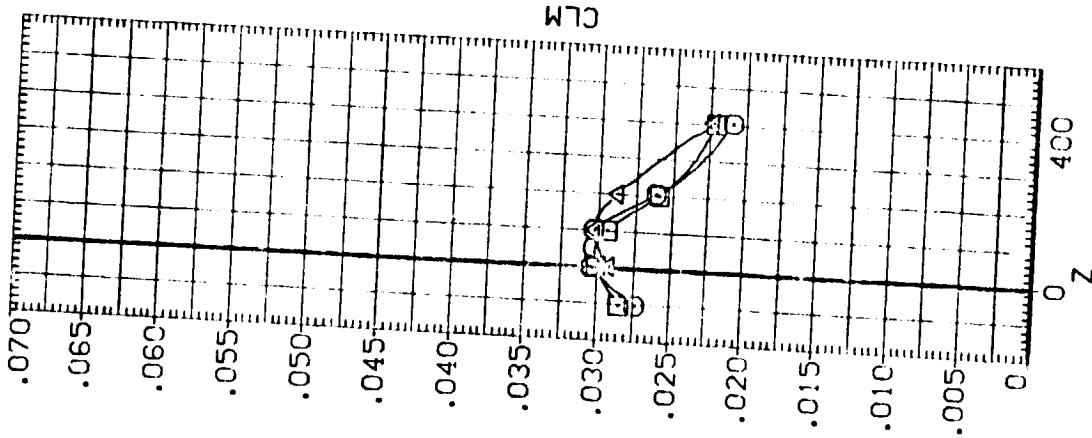
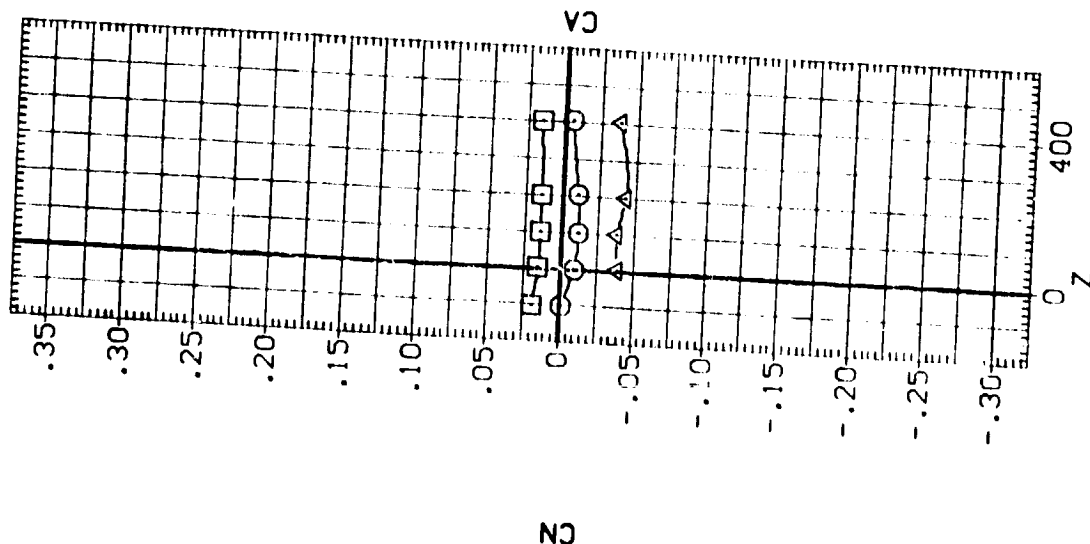


FIG 13 LEFT SRB AERO CHARACTER. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)  
 (B) Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU019)	AEDC/VAS28(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU022)	AEDC/VAS28(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU023)	AEDC/VAS28(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

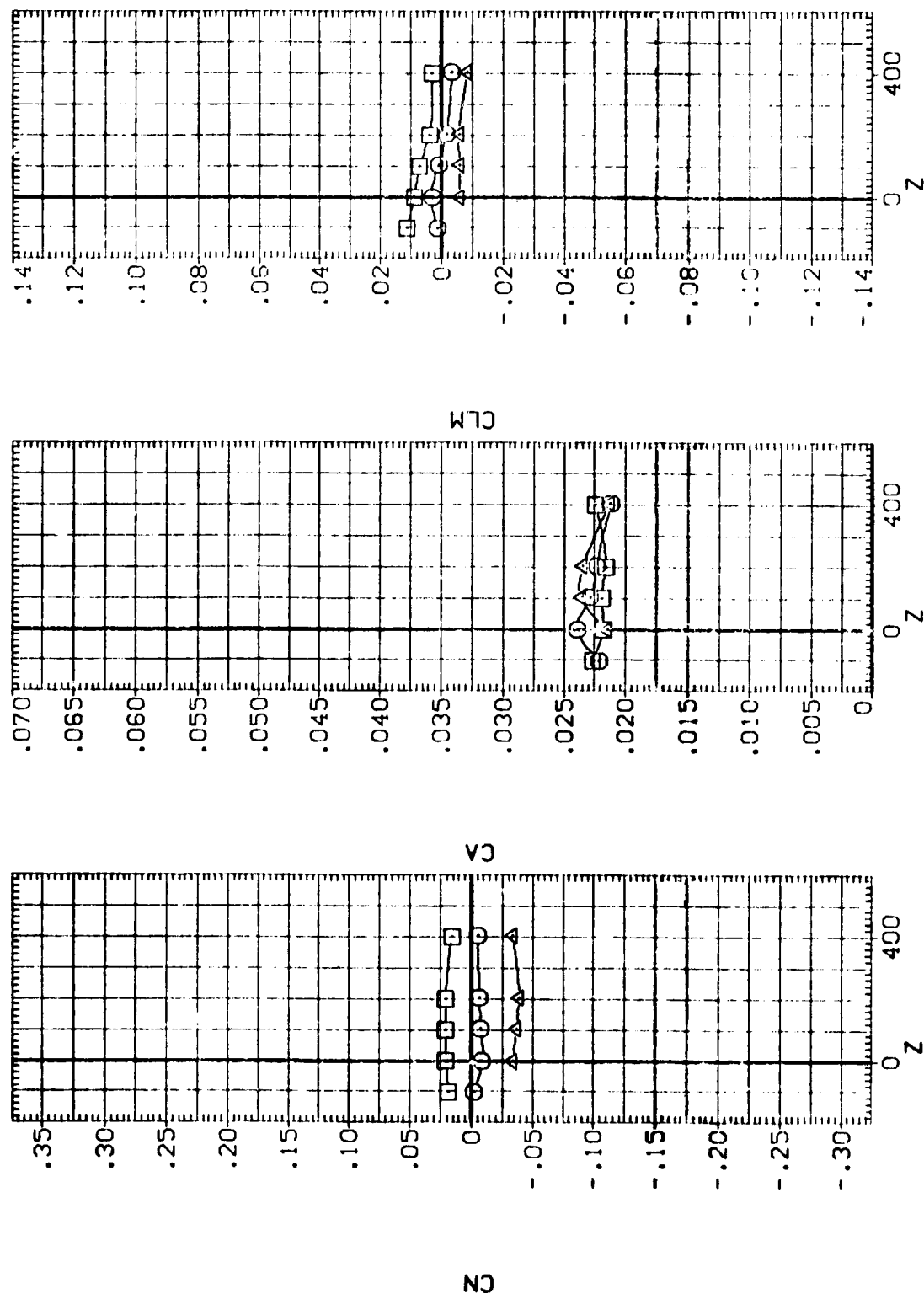


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(C)Y =-200.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU019)	AEDC/VAS281(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/E/T	.000	.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU022)	AEDC/VAS281(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/E/T	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU023)	AEDC/VAS281(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/E/T	-5.000	.000	.000	4.520	SREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

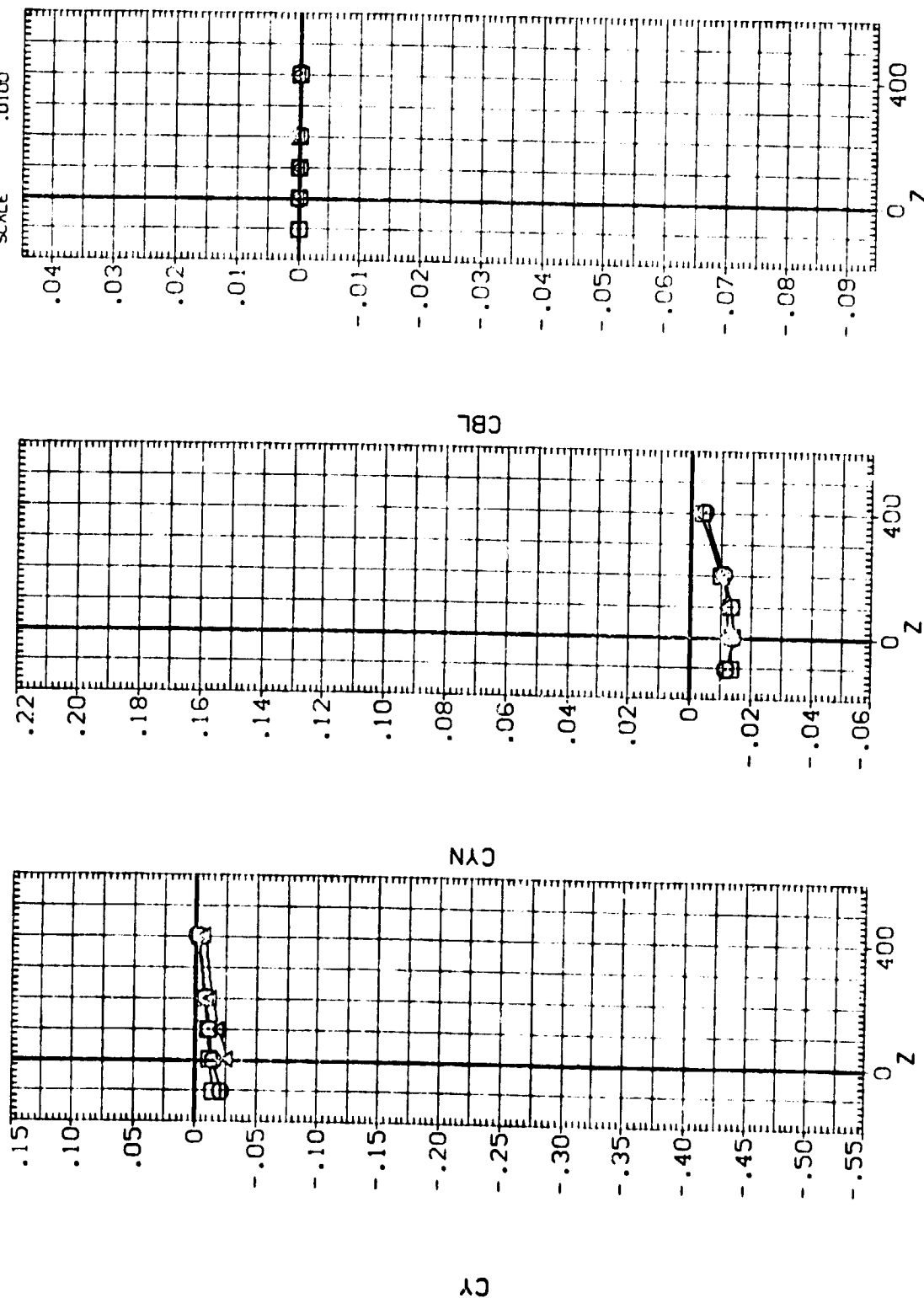


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=-.4 BETA=0)  
(B)Y =-100.00

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(ATU019)	AEDC/VA528(1A87)	-01ET1S1-LA
(ATU022)	AEDC/VA528(1A87)	-01ET1S1-LA
(ATU023)	AEDC/VA528(1A87)	-01ET1S1-LA

DALPHA	DBETA	X	MACH
.000	.000	.000	4.520
5.000	.000	.000	4.520
-5.000	.000	.000	4.520

REFERENCE INFORMATION	
	2690.0000 SQ.FT.
	1290.3000 INCHES
	1290.3000 INCHES
	1258.5000 IN. X5
	400.0000 IN. Y5
	400.0000 IN. Z5
	.0100
	SCALE

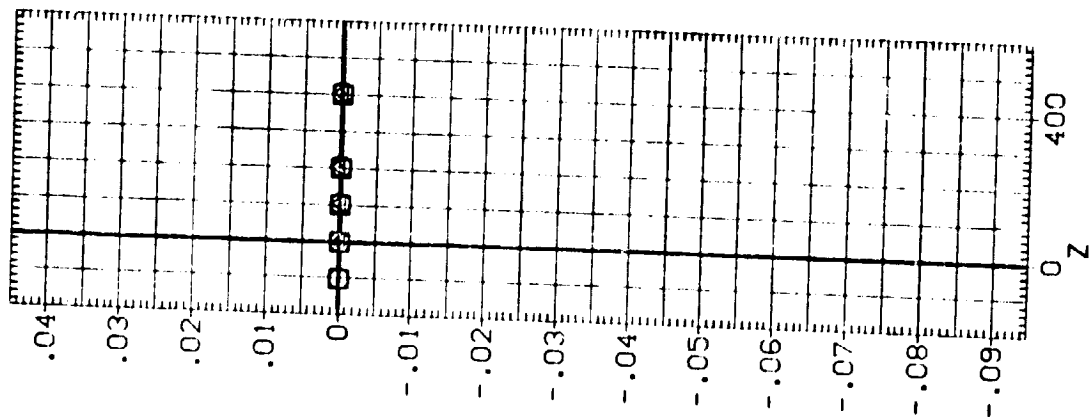
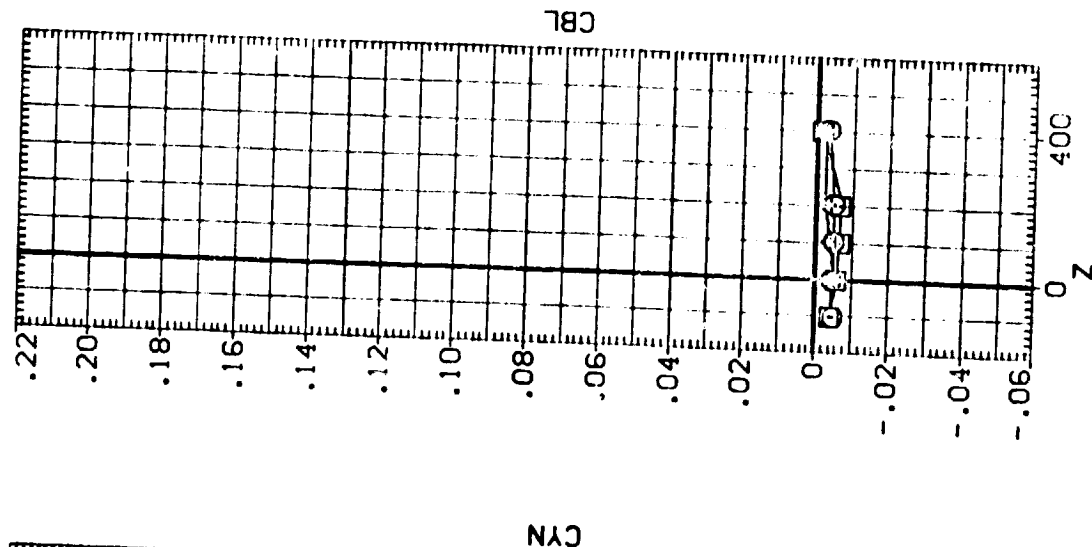
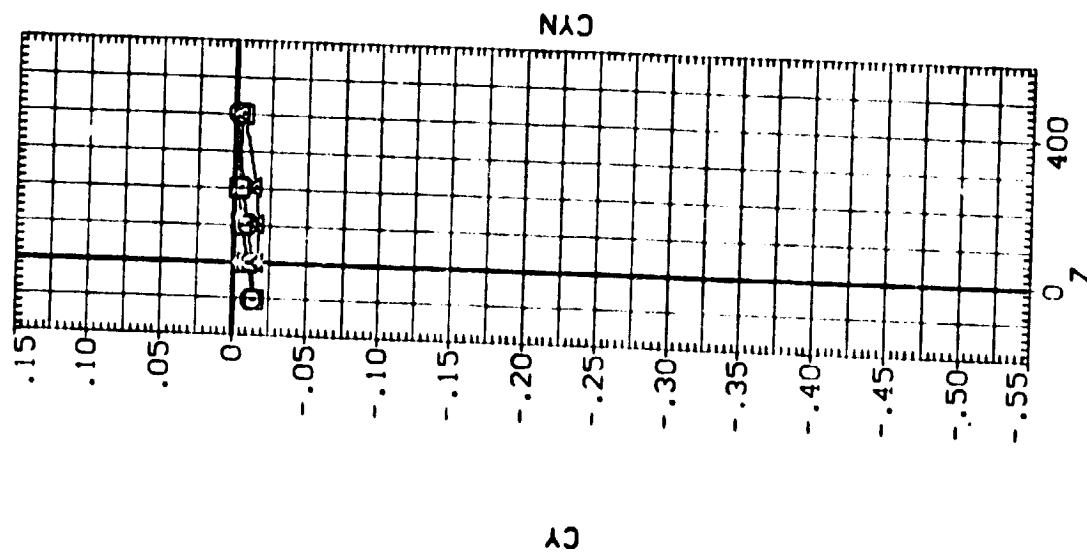


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)  
(C)Y =-200.00

11

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU020)	AECC/VAS28(1A87)-O1ET1S1-L/H	SRB	.000	.000	300.000	4.520	SREF 2690.0000 50. FT.
(ATU021)	AEDC/VAS28(1A87)-O1ET1S1-L/H	SRB	.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU024)	AEDC/VAS28(1A87)-O1ET1S1-L/H	SRB	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1259.5000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

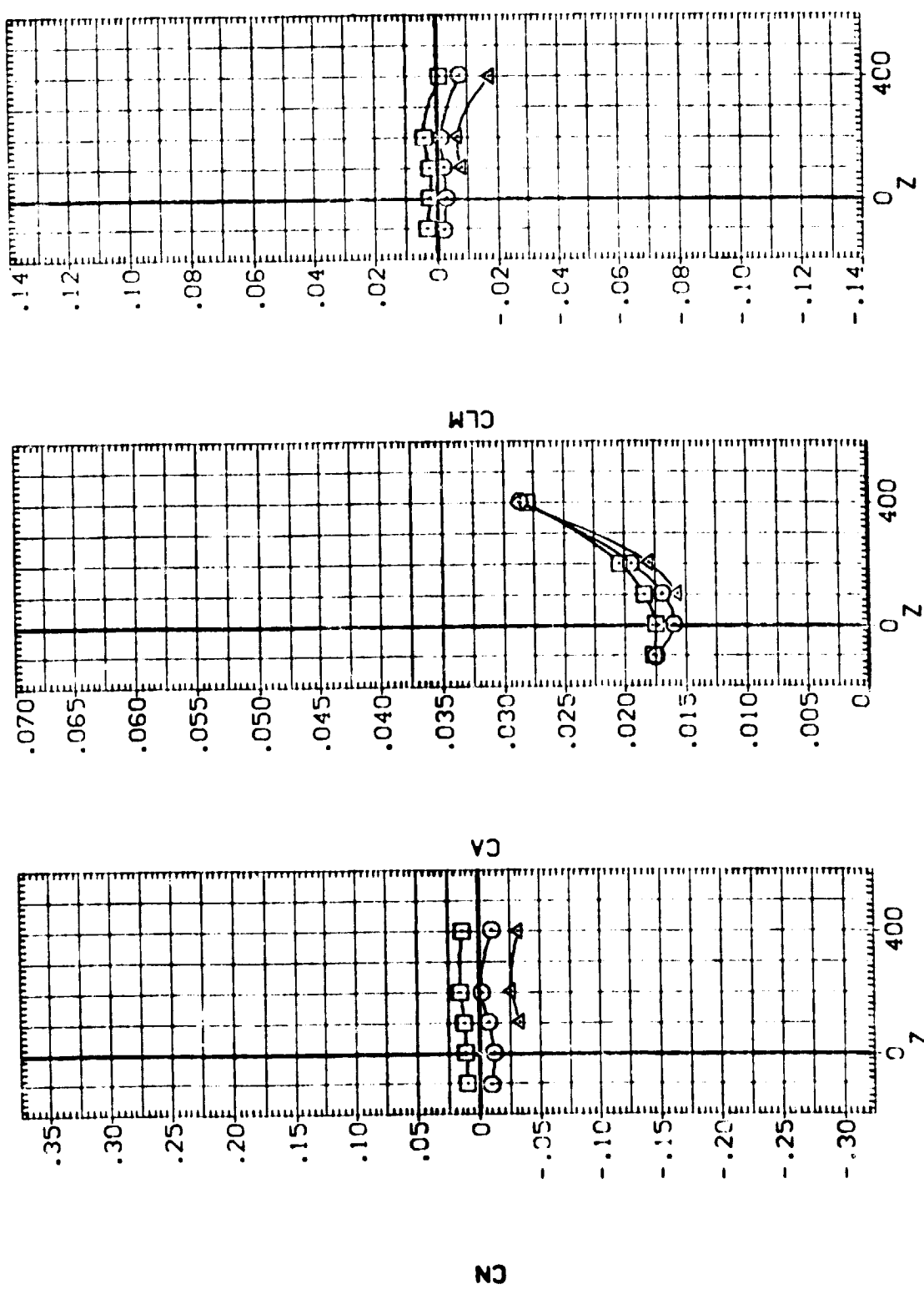


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=-.4 BETA=0)

(A)Y = -10.00

DATA SET SYMBOL  
(ATU020)  
(ATU021)  
(ATU024)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A871)-01ET1S1-L/H  
AEDC/VAS28(1A871)-01ET1S1-L/H  
AEDC/VAS28(1A871)-01ET1S1-L/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
.000  
5.000  
-5.000

DBETA  
.000  
.000  
.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 290.3200 INCHES  
VREF 290.3200 INCHES  
VMPP 259.5000 IN. XS  
ZMPP .0000 IN. VS  
SCALE 400.0000 IN. ZS

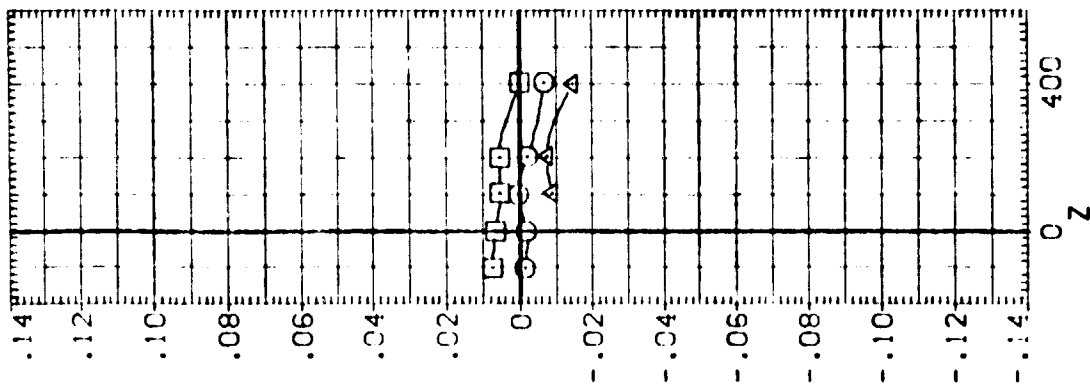
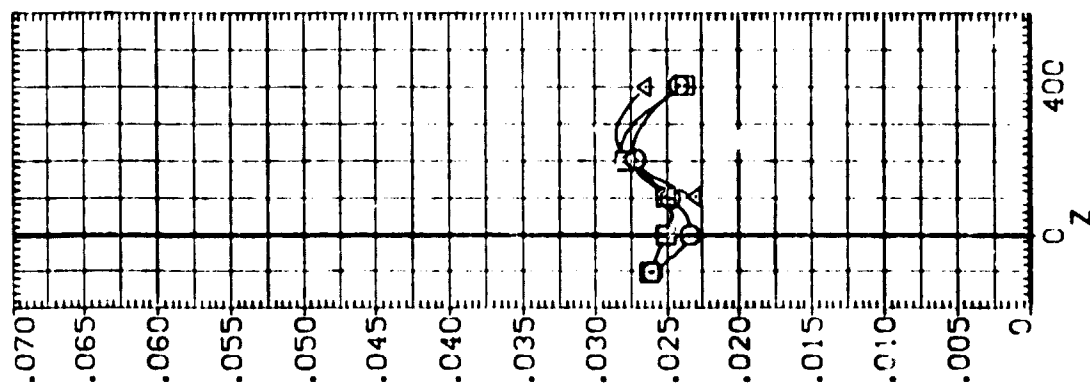
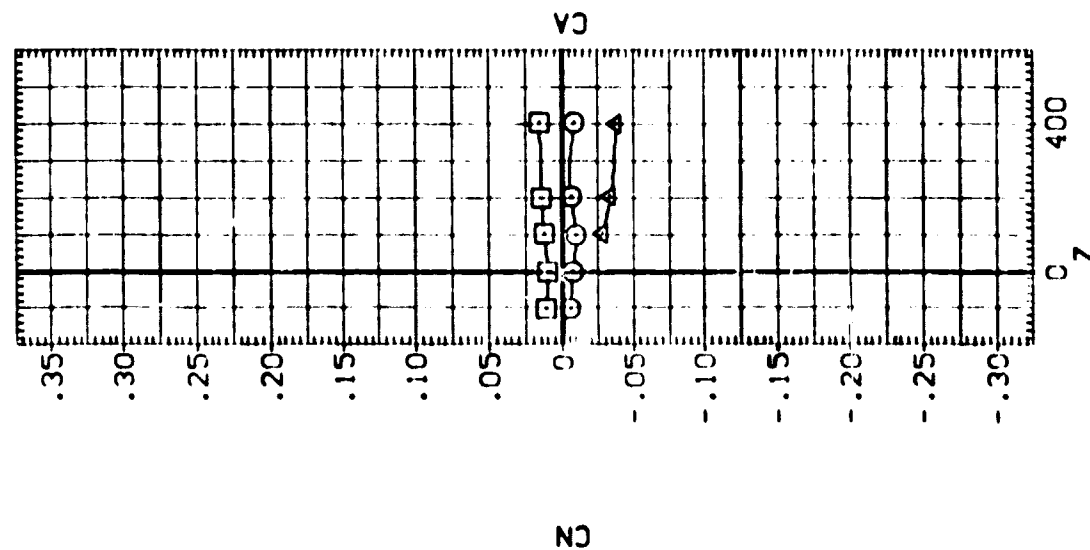


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(B)Y --100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU020)	AEDC/VAS28(1A87)-01ET151-L/H	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU021)	AEDC/VAS28(1A87)-01ET151-L/H	.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU024)	AEDC/VAS28(1A87)-01ET151-L/H	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1250.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

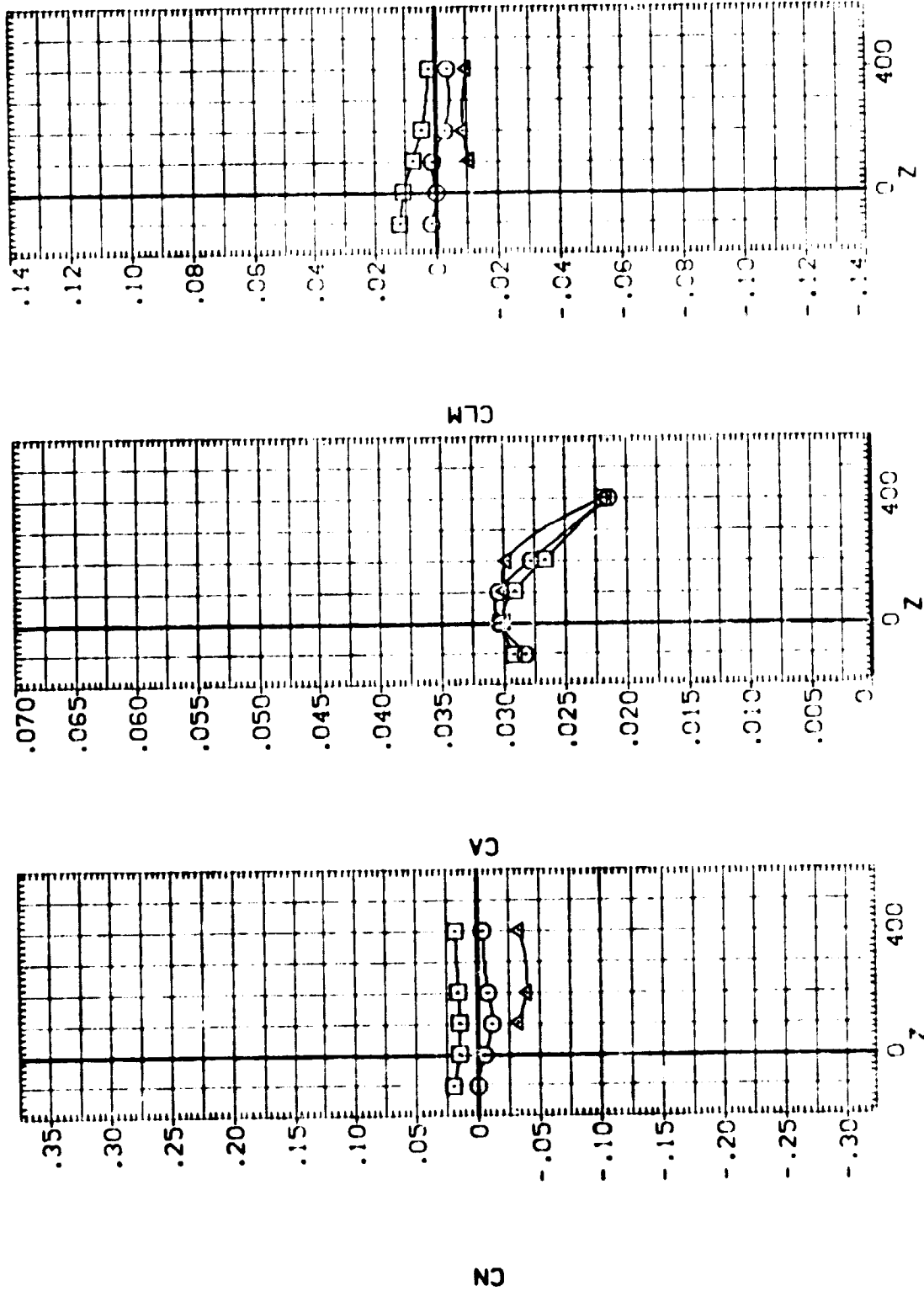


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(C)Y =-200.00

DATA SET SYMBOL

(ATU020)  
(ATU021)  
(ATU024)

CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-01ET1S1-L/H  
AEDC/VAS28(1A87)-01ET1S1-L/H  
AEDC/VAS28(1A87)-01ET1S1-L/H

SRB SEPAR. FROM O/E  
SRB SEPAR. FROM O/E  
SRB SEPAR. FROM O/E

DELTA  
.000  
5.000  
-5.000

DBETA  
.000  
.000  
.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ. FT.  
LREF 1250.3000 INCHES  
BREF 1250.3000 INCHES  
XMPQ 1258.5000 IN. XS  
YMPQ 0.0000 IN. YS  
ZMPQ 410.0000 IN. ZS  
SCALE .0100

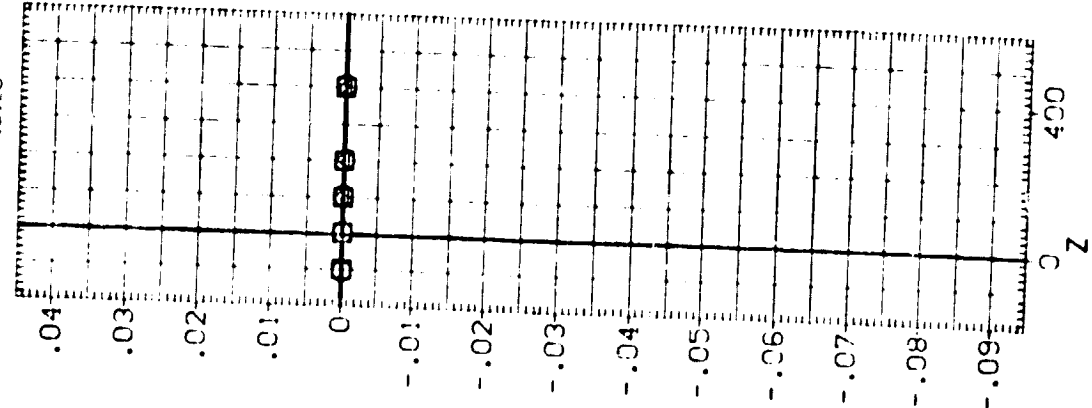
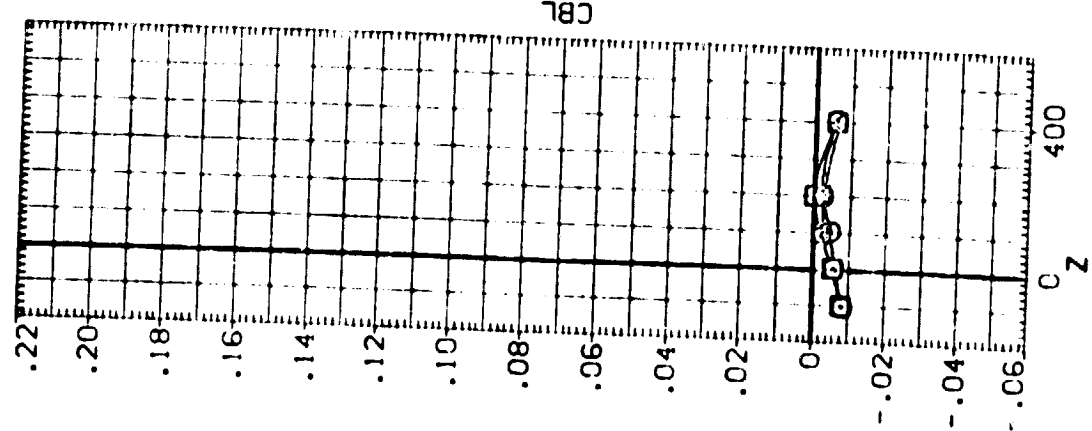
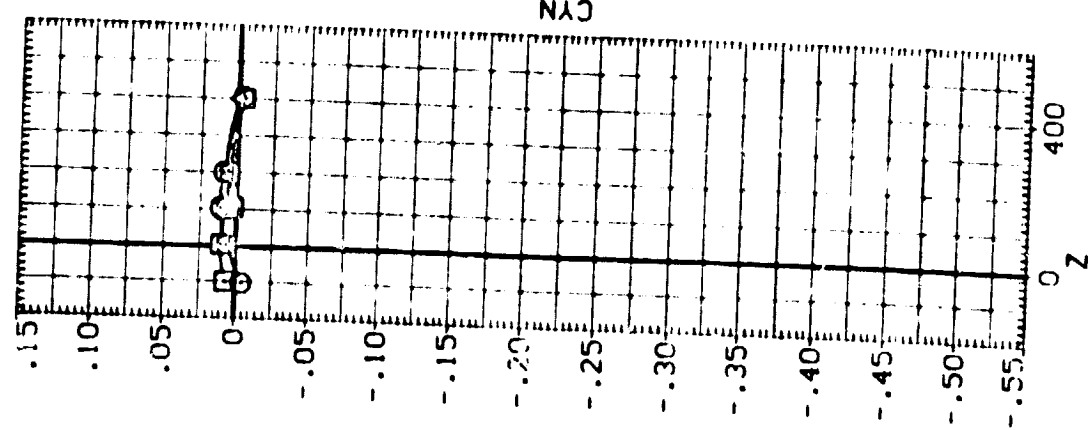


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/E (ALPHA=-.4 BETA=0)  
(A)Y = -10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU020)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU021)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	5.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU024)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP 400.0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

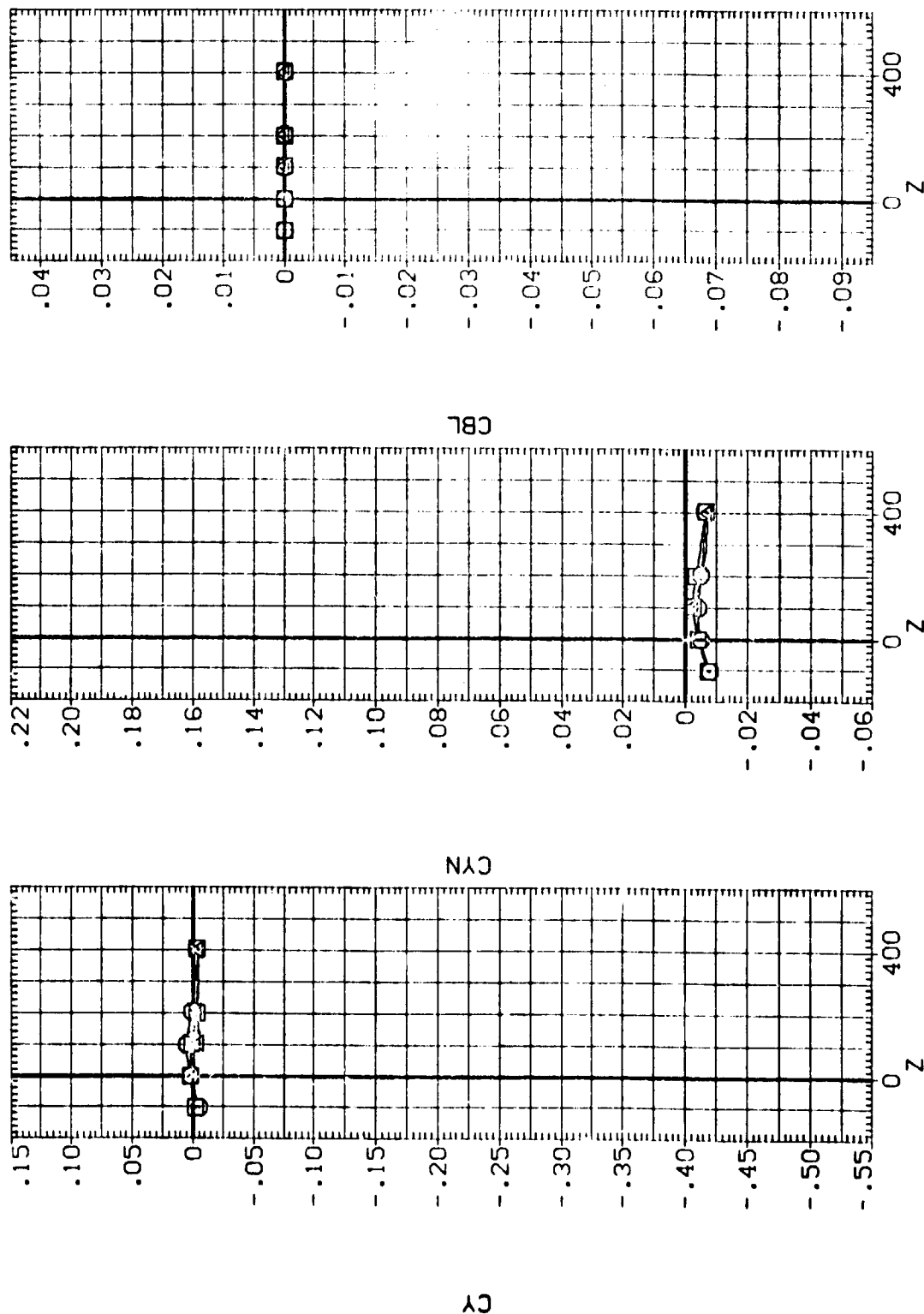


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(B)Y = -100.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU025)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	.000	4.000	.000	4.520	SREF 2690.0000 SQ. FT.
(ATU028)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	.000	4.000	.000	4.520	LREF 1250.3000 INCHES
(ATU029)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	-5.000	4.000	.000	4.520	BREF 1250.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

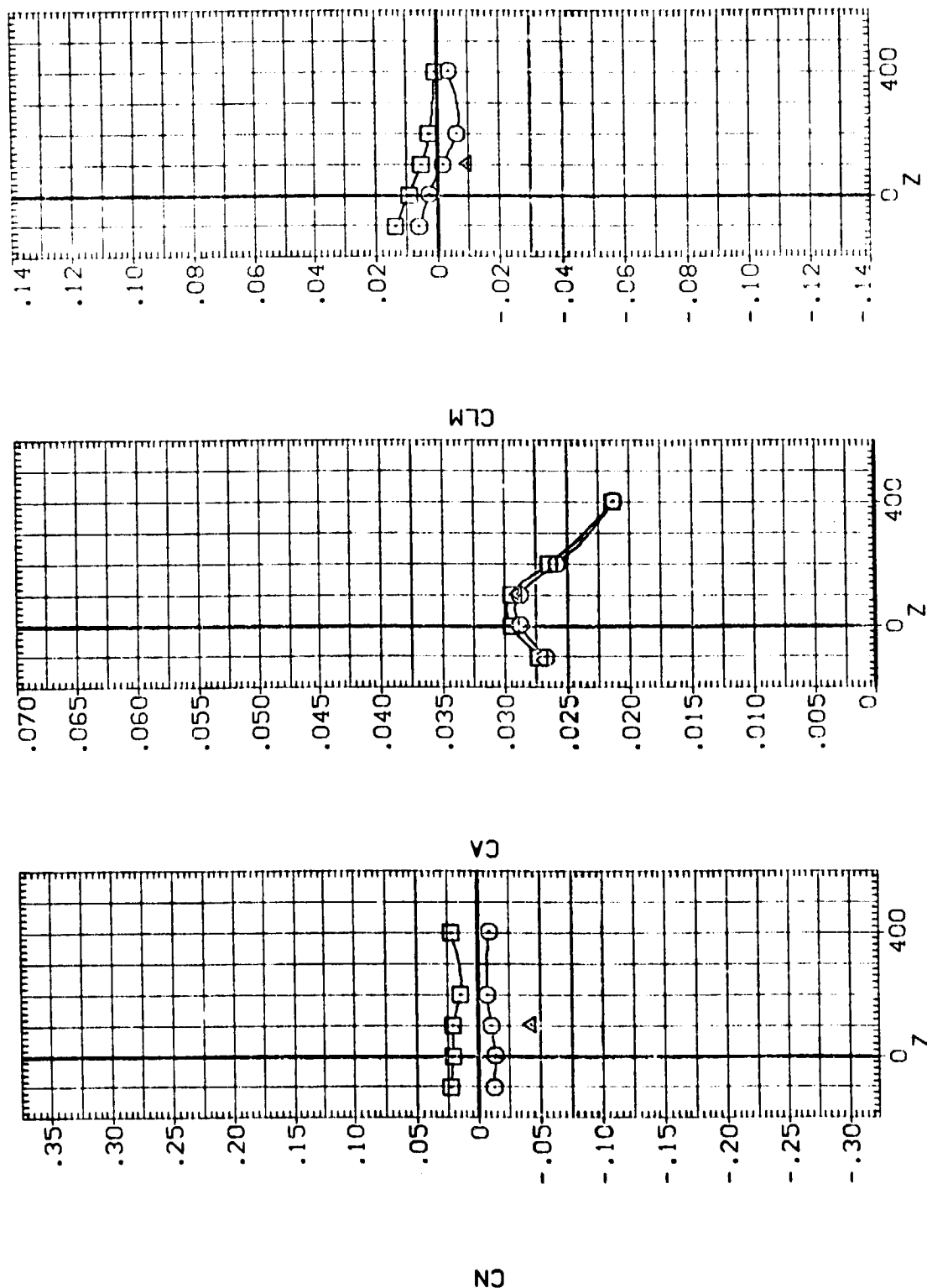


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(A)Y =-100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU025)	AEDC/VAS28(1A87)-01ETIS1-L/H	.000	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU028)	AEDC/VAS28(1A87)-01ETIS1-L/H	.000	4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU029)	AEDC/VAS28(1A87)-01ETIS1-L/H	-5.000	4.000	.000	4.520	BREF 1290.3000 INCHES
						XREF 1259.5000 IN. XS
						YREF .0000 IN. YS
						ZREF 400.0000 IN. ZS
						SCALE .0100

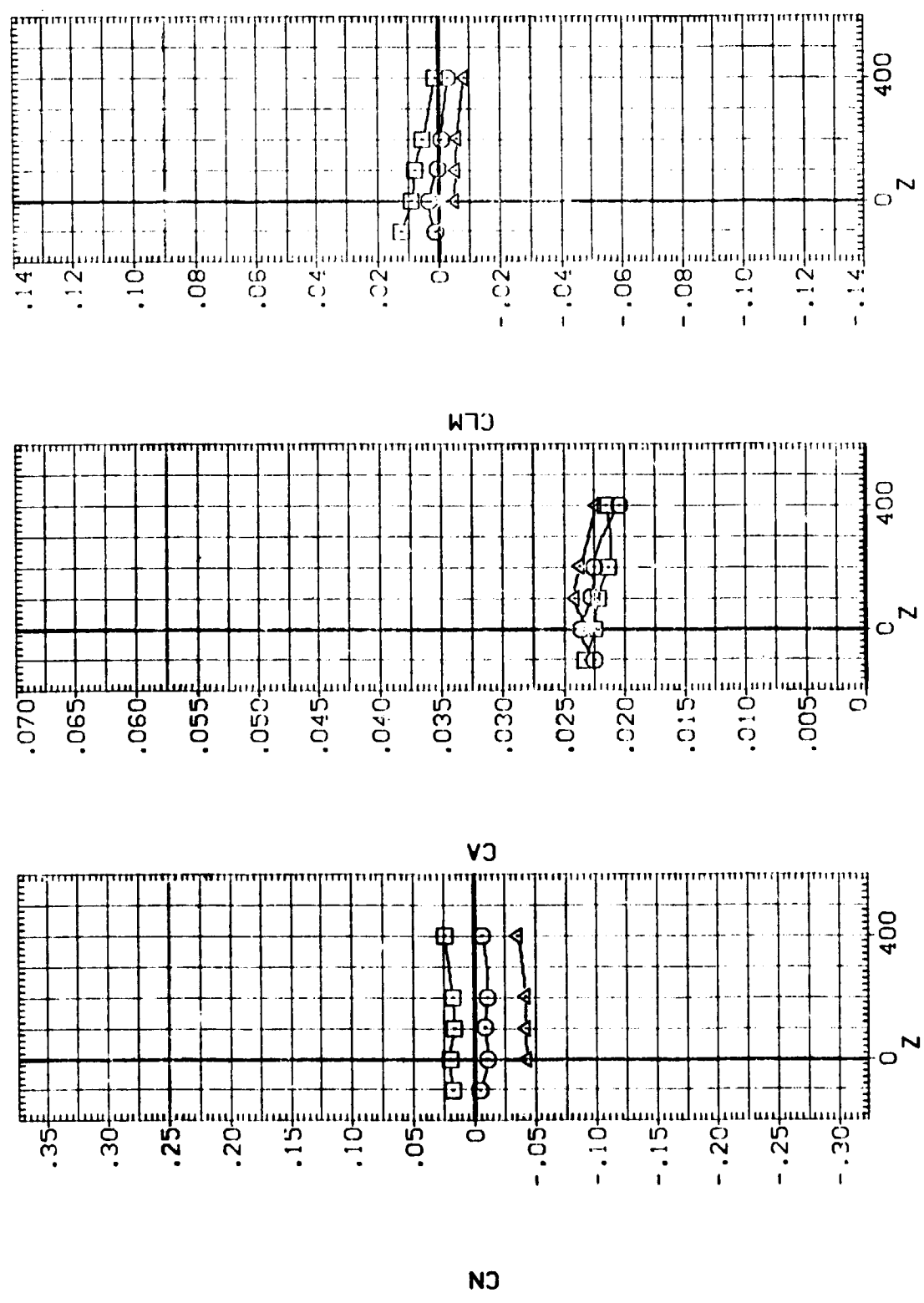


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(B)Y --200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(AT0025)	AEDC/VAS28(IAB7)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	.000	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(AT0026)	AEDC/VAS28(IAB7)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	.000	4.000	.000	4.520	LREF 1290.3000 INCHES
(AT0029)	AEDC/VAS28(IAB7)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	-5.000	4.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

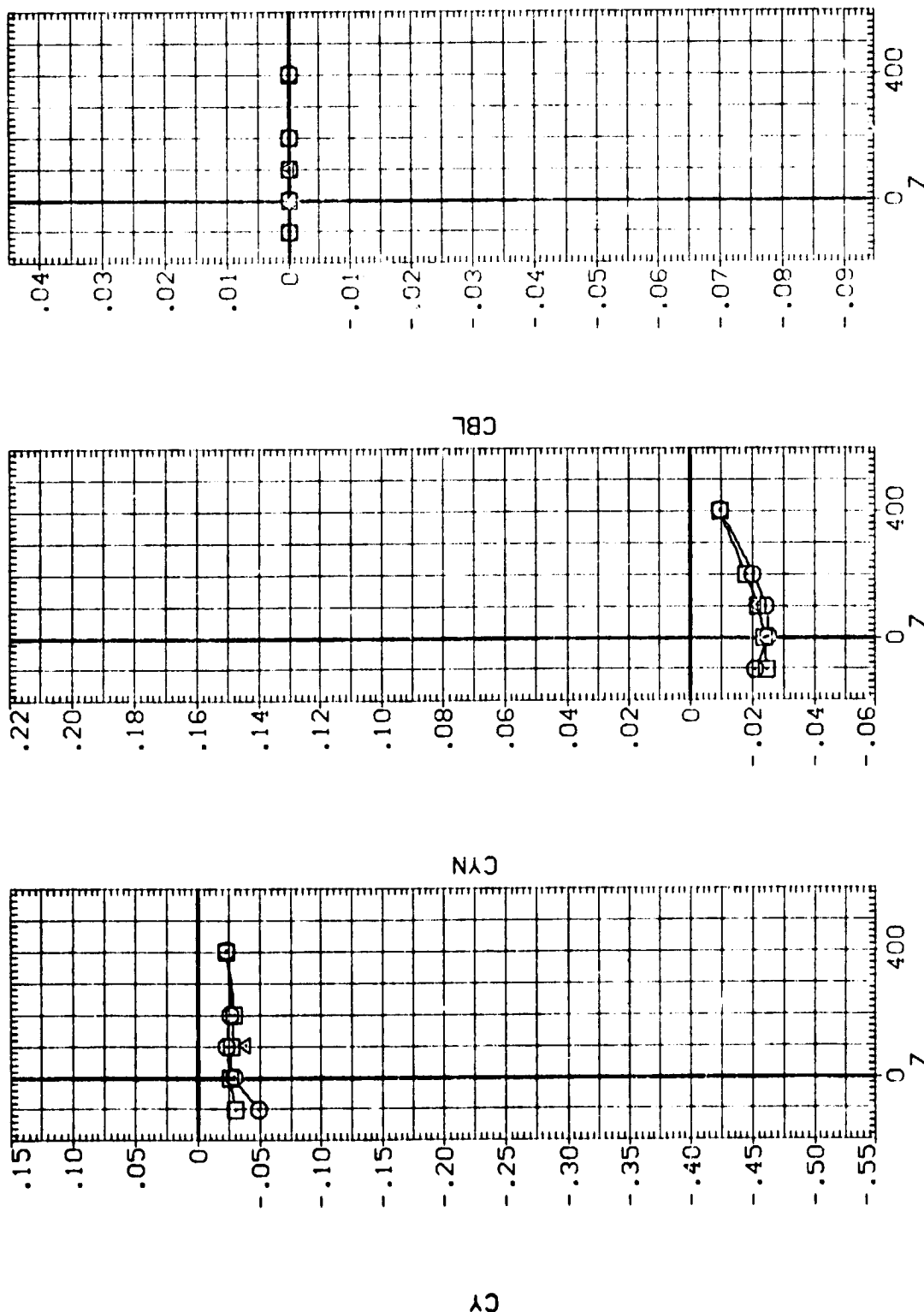


FIG 13 LEFT SRB AERO CHARACTER. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(A)Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRRB	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU025)	AEDC/VAS28(1A87)-01ETIS1-L/H	SRRB	SEPAR. FROM O/ET	.000	4.000	.000	4.520	SREF 2650.0000 SQ.FT.
(ATU028)	AEDC/VAS28(1A87)-01ETIS1-L/H	SRRB	SEPAR. FROM O/ET	.000	4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU029)	AEDC/VAS28(1A87)-01ETIS1-L/H	SRRB	SEPAR. FROM O/ET	-5.000	4.000	.000	4.520	BREF 1290.3000 INCHES
								YREF 1258.5000 IN. XS
								ZMRP .0000 IN. YS
								SCALE 400.0000 IN. ZS

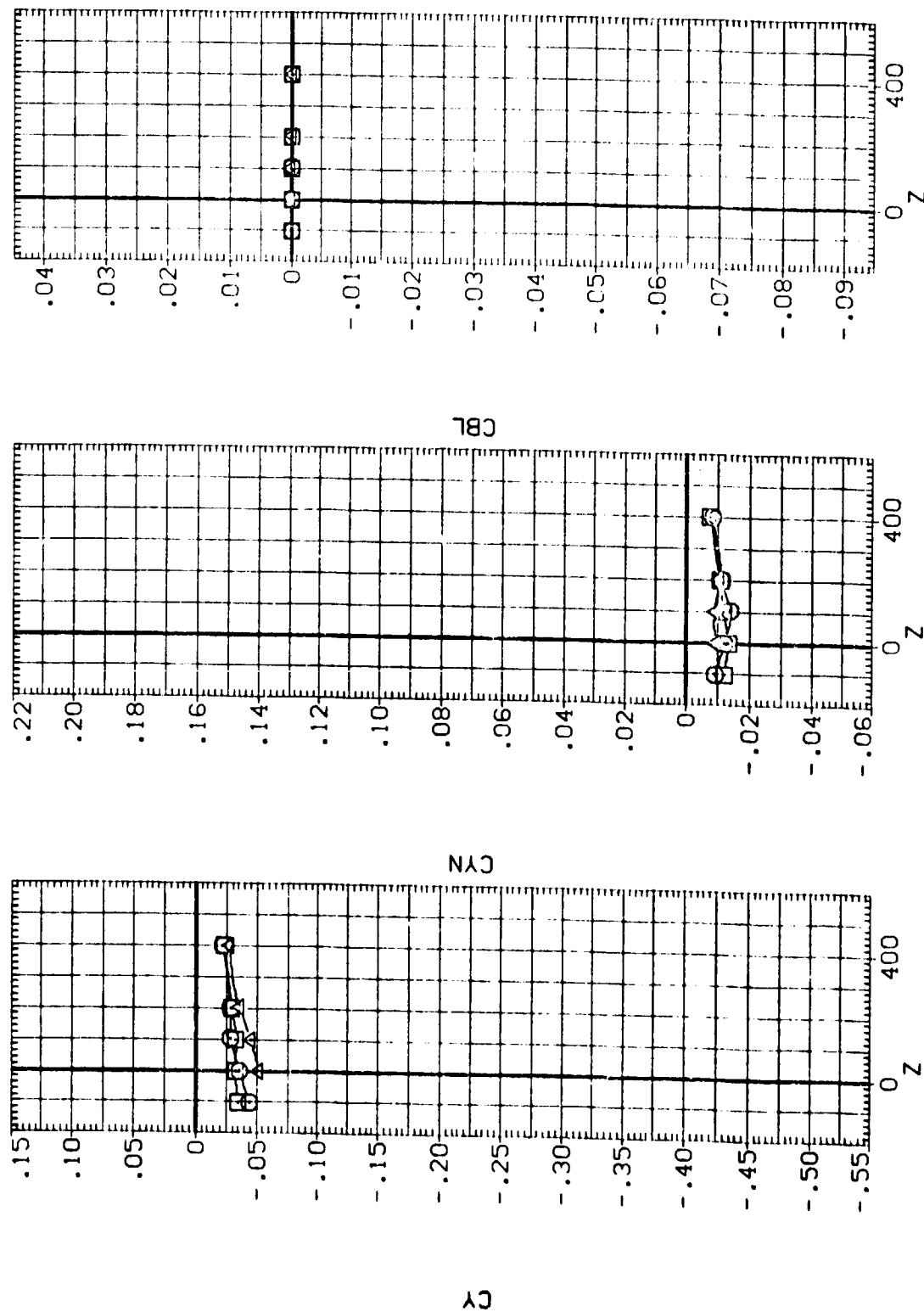


FIG 13 LEFT SRB AERO CHARACTER. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)  
(B)Y = -200.00



DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(ATU026)	AEDC/VA528(IAB7)-01ET(S)-L/H	
(ATU027)	AEDC/VA528(IAB7)-01ET(S)-L/H	
(ATU030)	AEDC/VA528(IAB7)-01ET(S)-L/H	

DALPHA	DBETA	X
.000	4.000	300.000
5.000	4.000	300.000
-5.000	4.000	300.000

MACH	REFERENCE INFORMATION
4.520	SREF 2690 3000 SO.FT. INCHES
4.520	REF 1990 3000 INCHES
4.520	BREF 1290 3000 INCHES
	XREF 1258 5000 IN. YS
	YREF .0000 IN. ZS
	ZREF 400 .0000 IN. ZS
	SCALE .0100

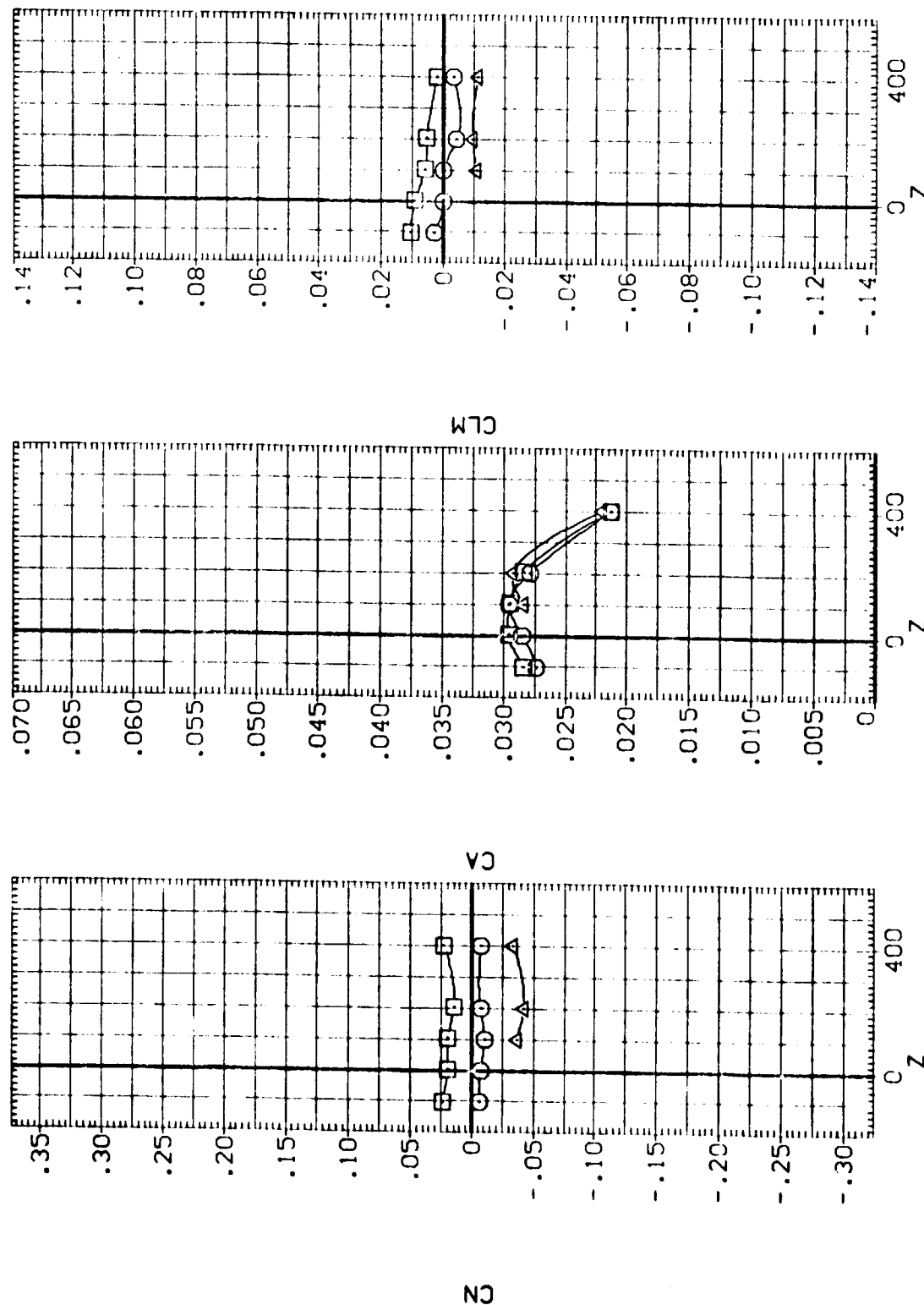


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=-.4 BETA=0)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU026)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	.000	4.000	300.000	4.520	SREF 2590.0000 SQ.FT.
(ATU027)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	.000	4.000	300.000	4.520	LREF 290.3000 INCHES
(ATU030)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	-5.000	4.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

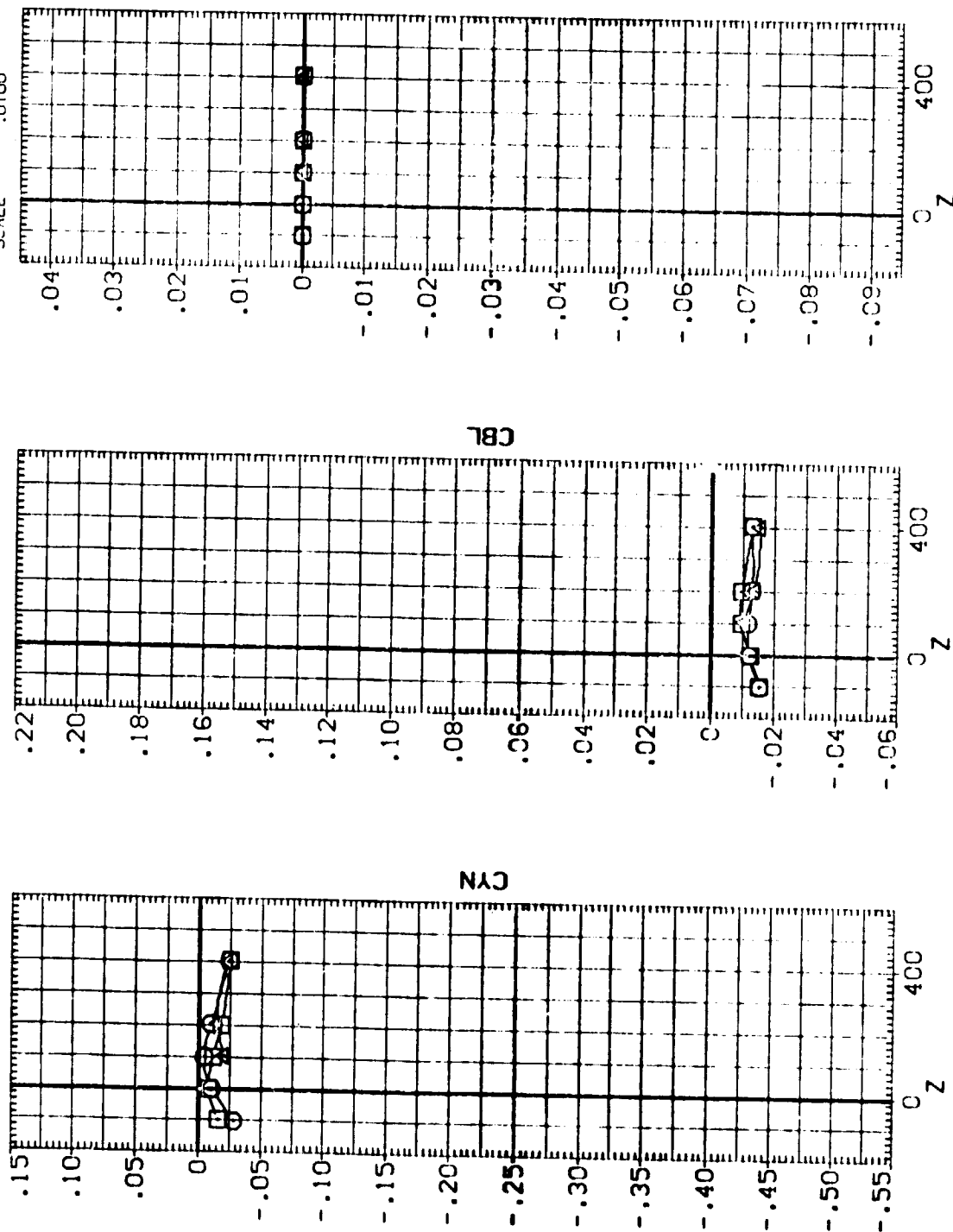


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(A)Y = -100.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU026) AEDC/VA528(IAB7)-01ET1S1-L/H SRB  
 (ATU027) AEDC/VA528(IAB7)-01ET1S1-L/H SRB  
 (ATU030) AEDC/VA528(IAB7)-01ET1S1-L/H SRB

DALPHA DBETA X  
 .000 4.000 300.000  
 5.000 4.000 300.000  
 -5.000 4.000 300.000

REFERENCE INFORMATION  
 SREF 2690.0000 50.FT.  
 LREF 1290.3000 INCHES  
 SREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XE  
 YMRP 0.0000 IN. YE  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

MACH  
 4.520  
 4.520  
 4.520

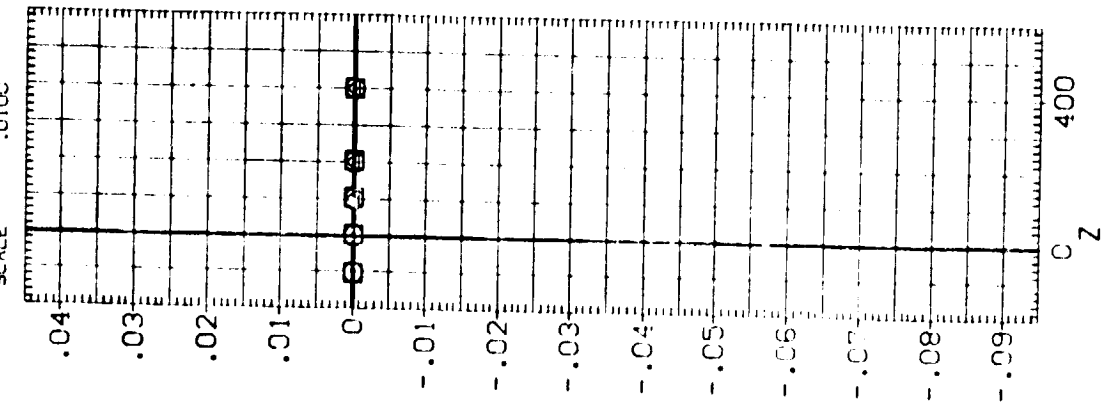
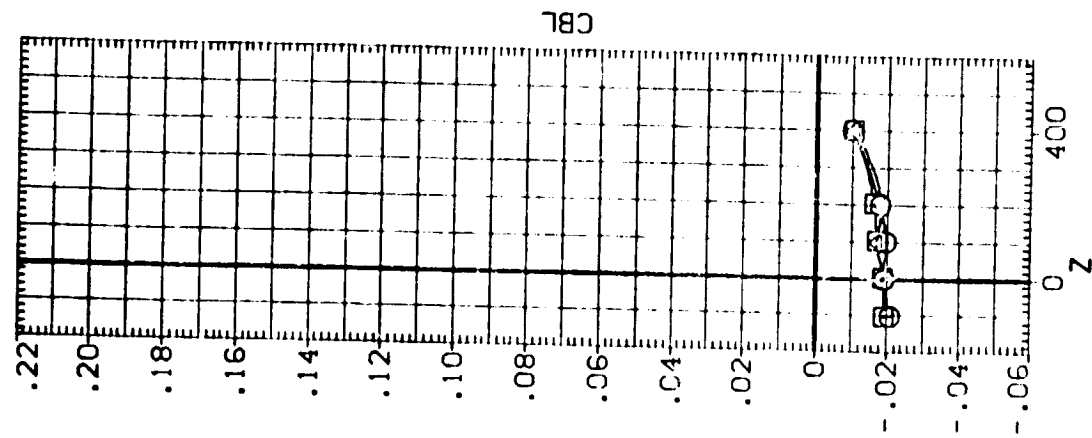
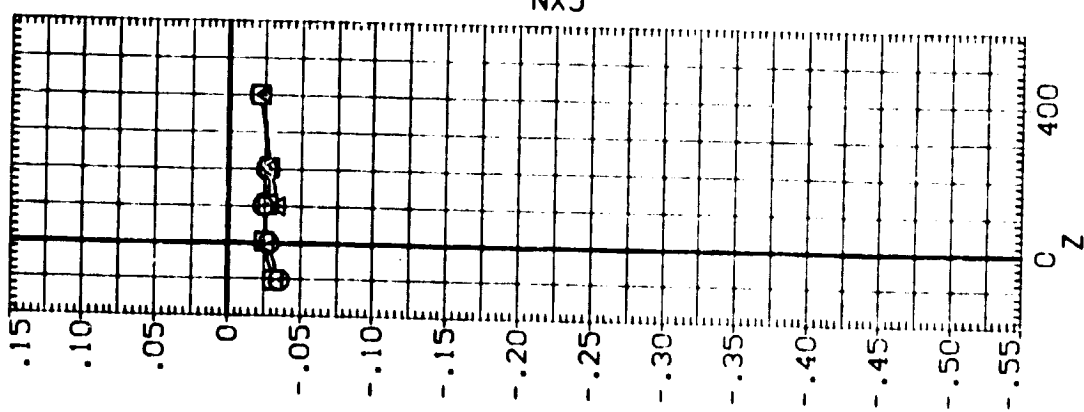


FIG 13 LEFT SRB AERO CHARACTERISTICS. SEPARATING FROM 0/ET (ALPHA=-.4 BETA=0)  
 (B)Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU031)	AEDC/VAS281 (AB7) - OIETISI-L/H	SRB SEPAR. FROM O/ET	.000	8.000	.000	4.520	SREF 2650.0000 SQ. FT.
(ATU034)	AEDC/VAS281 (AB7) - OIETISI-L/H	SRB SEPAR. FROM O/ET	.000	8.000	.000	4.520	LREF 1290.3000 INCHES
(ATU035)	AEDC/VAS281 (AB7) - OIETISI-L/H	SRB SEPAR. FROM O/ET	-5.000	8.000	.000	4.520	BREF 1290.3000 INCHES
							NKSP 1258.5000 IN. XS
							YKSP .0000 IN. YS
							ZKSP .0000 IN. ZS
							SCALE .0100

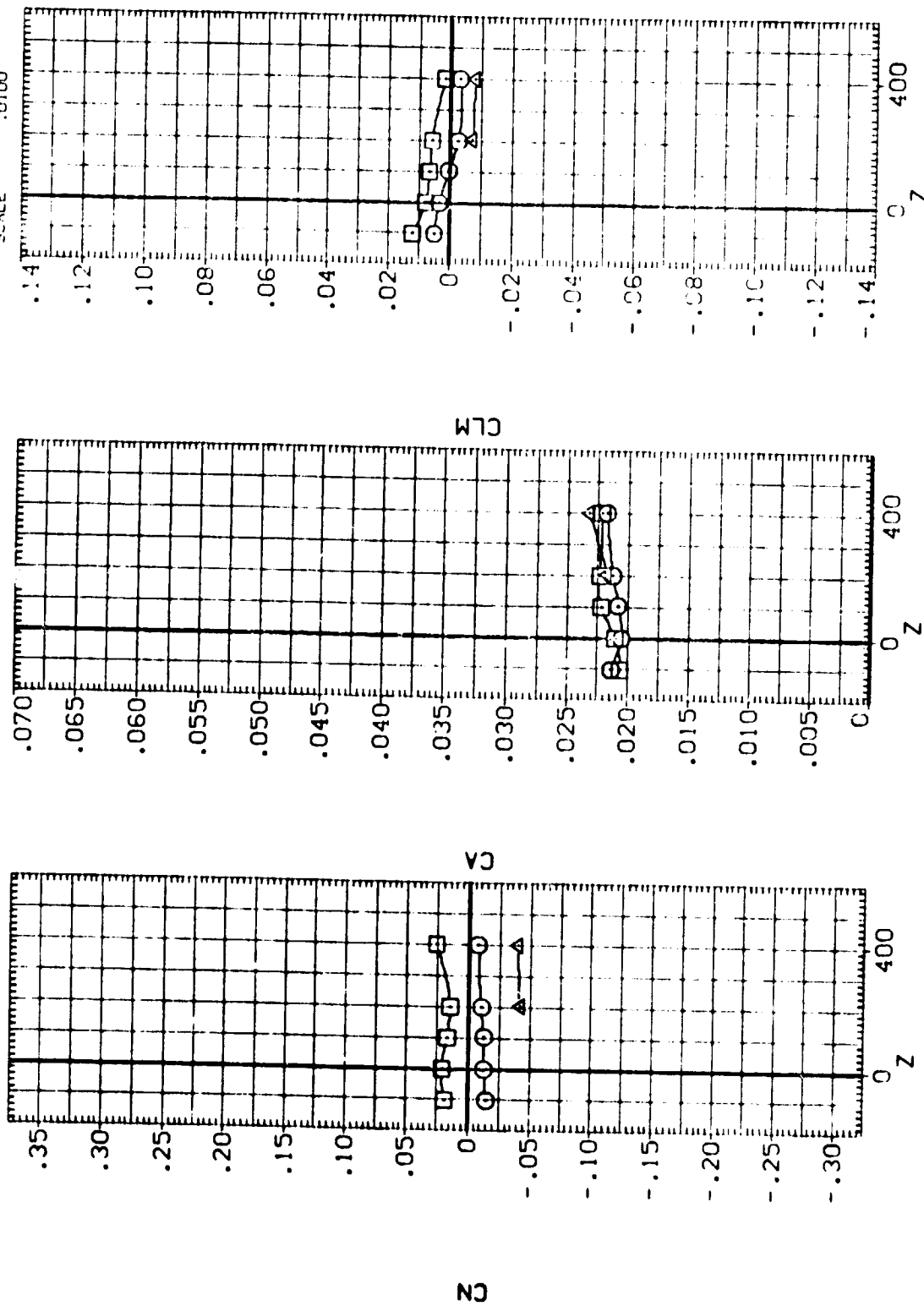


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=0)

(A)Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU031)	AEDC/VAS28(1A87)-01ETIS1-L/H	0.000	8.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU034)	AEDC/VAS28(1A87)-01ETIS1-L/H	5.000	8.000	.000	4.520	REF 1290.3000 INCHES
(ATU035)	AEDC/VAS28(1A87)-01ETIS1-L/H	-5.000	8.000	.000	4.520	REF 1290.3000 INCHES
						YMRP .0000 IN. XS
						ZMRP .0000 IN. YS
						SCALE 400.0000 IN. ZS

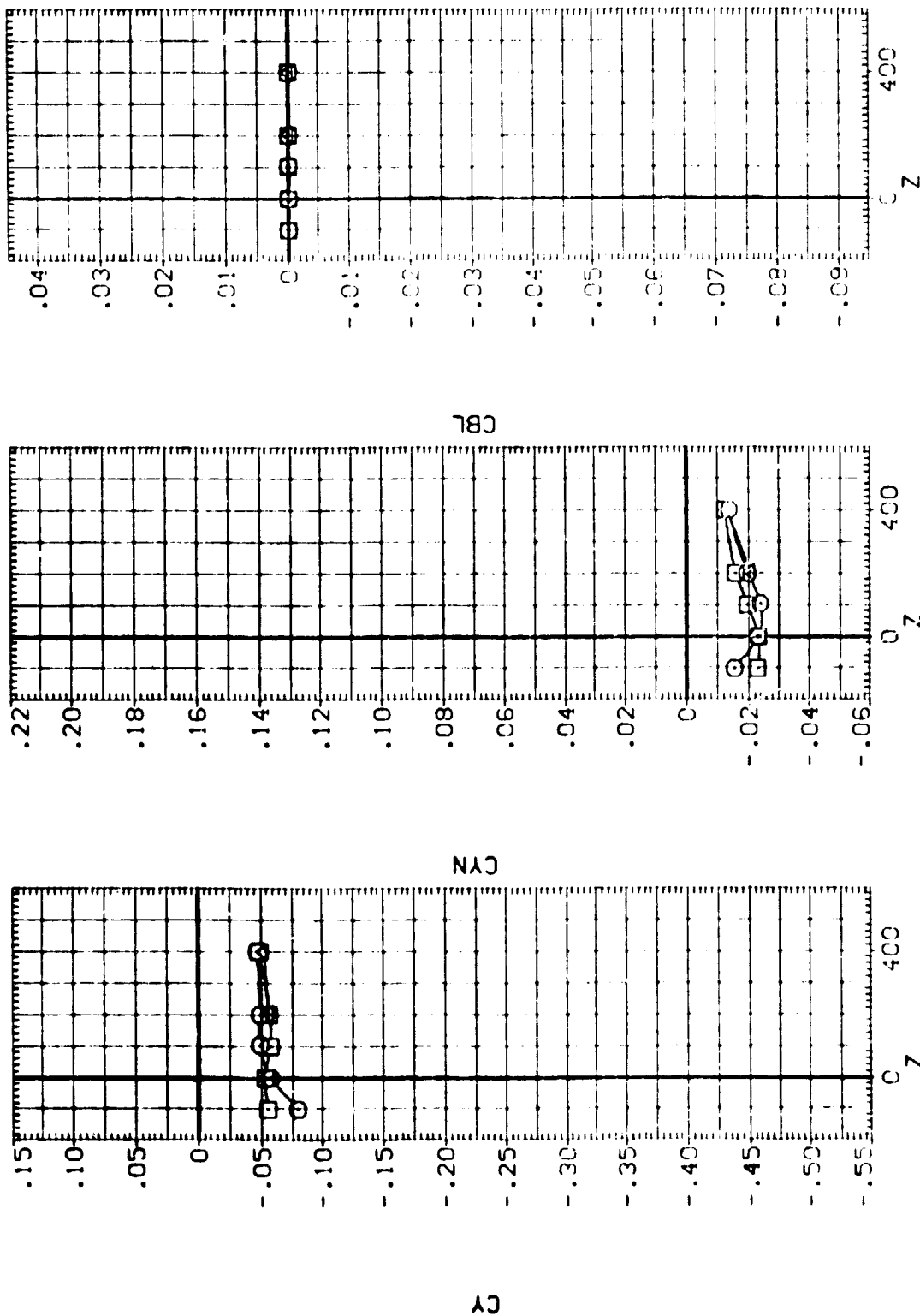


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/EET (ALPHA: -.4 BETA=0)

(A)Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU002)	AEDC/VAS28(1A87)-01ET151-L/H	.000	8.000	300.000	4.520	SREF 2690.0000 50 FT.
(ATU003)	AEDC/VAS28(1A87)-01ET151-L/H	5.000	8.000	300.000	4.520	LREF 1250.3000 INCHES
(ATU006)	AEDC/VAS28(1A87)-01ET151-L/H	-5.000	8.000	300.000	4.520	BREF 1250.3000 IN. XS
						XMPP .0000 IN. YS
						YMRP 400.0000 IN. ZS
						SCALE .0100

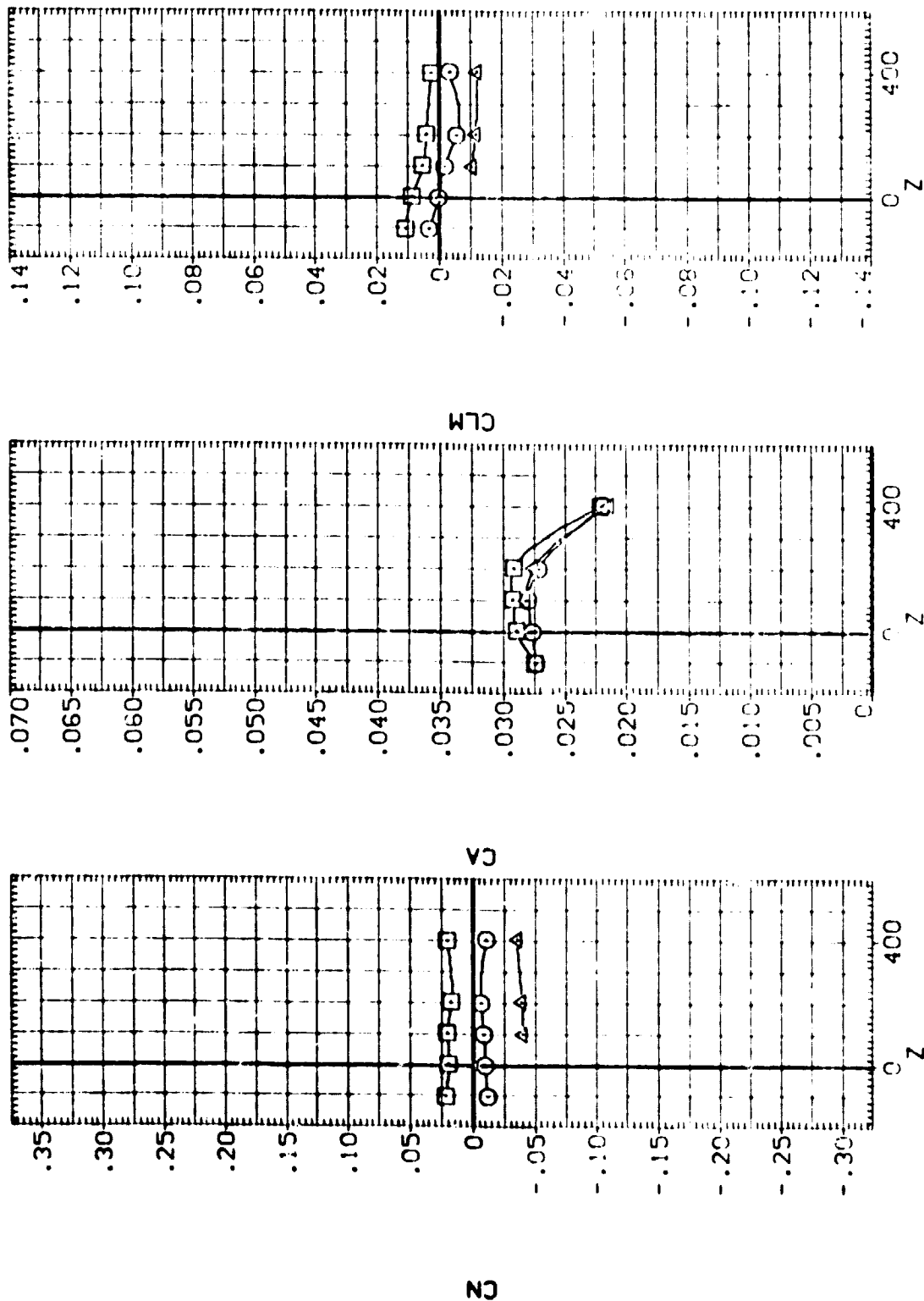


FIG 13 LEFT SRB AERO CHARACT. SEPARATING FROM O/E (ALPHA=-.4 BETA=0)

(A)Y = -200.00



DATA SET SYMBOL: (ATU101) (ATU104) (ATU105)

CONFIGURATION DESCRIPTION: AEDC/VAS281(A87)-01ET1S1-L/H AEDC/VAS281(A87)-01ET1S1-L/H AEDC/VAS281(A37)-01ET1S1-L/H

SRB SEPAR. FROM O/EI SRB SEPAR. FROM O/EI SRB SEPAR. FROM O/EI

ALPHA DBETA X MACH

REFERENCE INFORMATION: SREF 2690.0000 50 FT. LREF 1290.3000 INCHES BREF 290.3000 INCHES XMRP 259.5000 IN. XS YMRP .0000 IN. YS ZMRP 400.0000 IN. ZS SCALE .0100

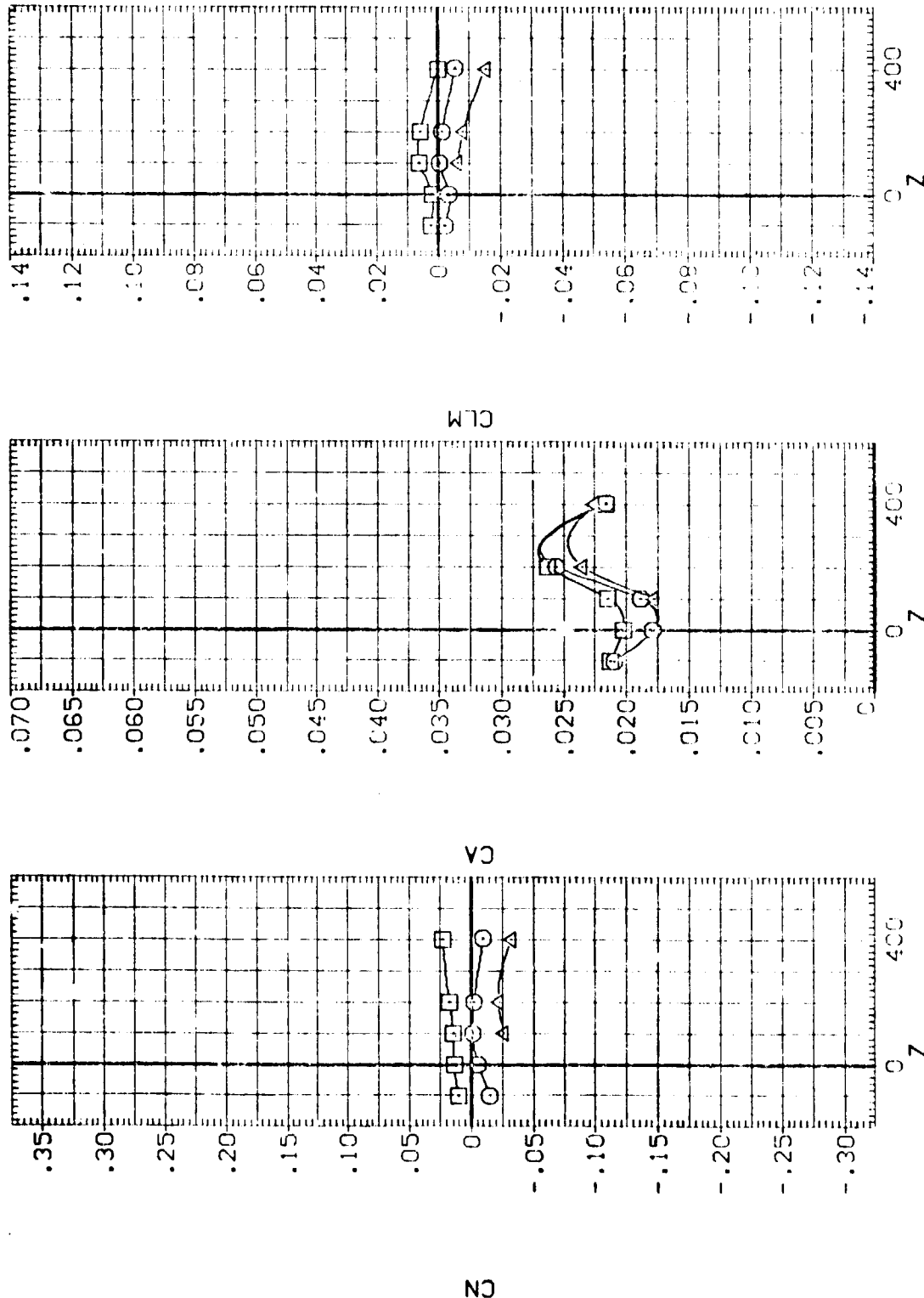


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/EI (ALPHA=-.4 BETA=5.4)

(ADY = -10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI01)	AEDC/VA528(1A87)-01ETISI-L/H	SRB SEPAR. FROM O/E/T	.000	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI04)	AEDC/VA528(1A87)-01ETISI-L/H	SRB SEPAR. FROM O/E/T	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI05)	AEDC/VA528(1A87)-01ETISI-L/H	SRB SEPAR. FROM O/E/T	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
							VMRP 1258.5000 IN. XS
							ZMRP 400.0000 IN. YS
							SCALE .0100

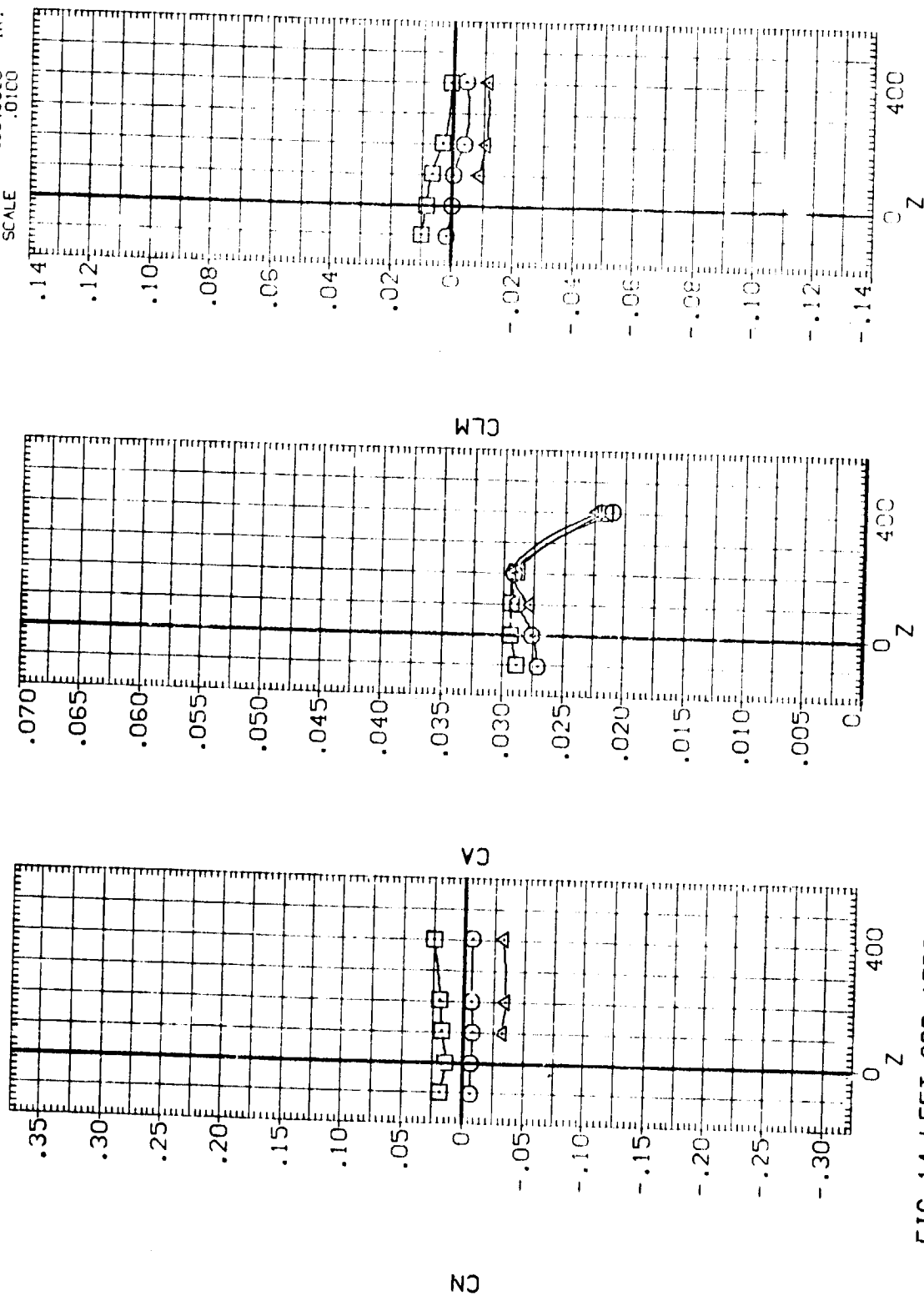


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=-.4 BETA=5.4)  
(B)Y =-100.00

DATA SET SYMBOL  
(ATU101)  
(ATU104)  
(ATU105)

CONFIGURAT. ON DESCRIPTION  
AEDC/VA528(1187)-01ET1S1-L/H  
AEDC/VA528(1187)-01ET1S1-L/H  
AEDC/VA528(1187)-01ET1S1-L/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DELTA ALPHA  
.000  
5.000  
-5.000

DBETA  
.000  
.000  
.000

X  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

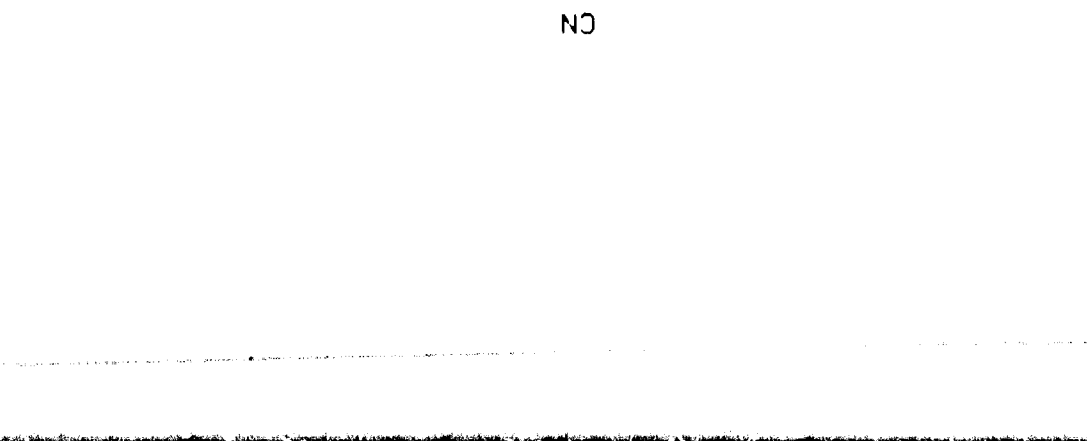
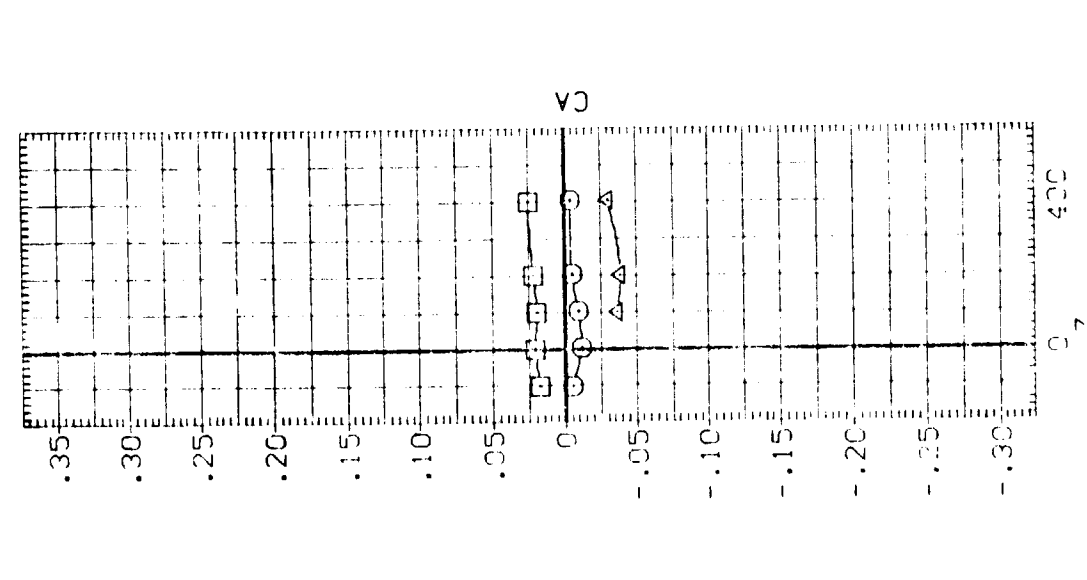
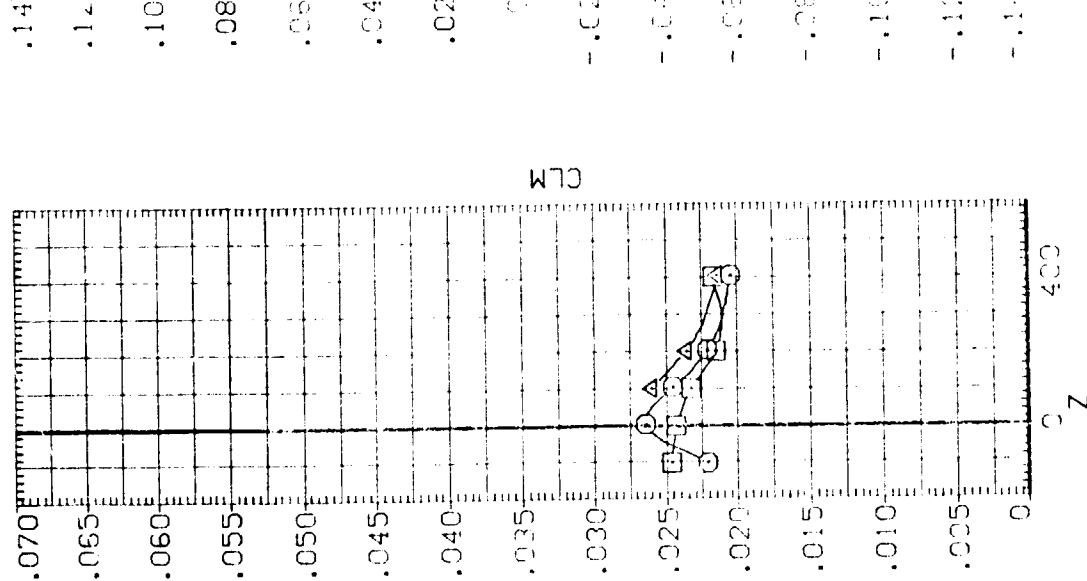


FIG 14 LEFT SRB AERO CHARACTER. SEPARATING FROM O/ET (ALPHA=-.4 BETA=5.4)

(C) Y = -200.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E <sup>†</sup>	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU101)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	.000	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU104)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	5.000	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU105)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
							VRBP 1258.5000 IN. X S
							VRBP 1258.5000 IN. X S
							SCALE 400.0000 IN. ZS

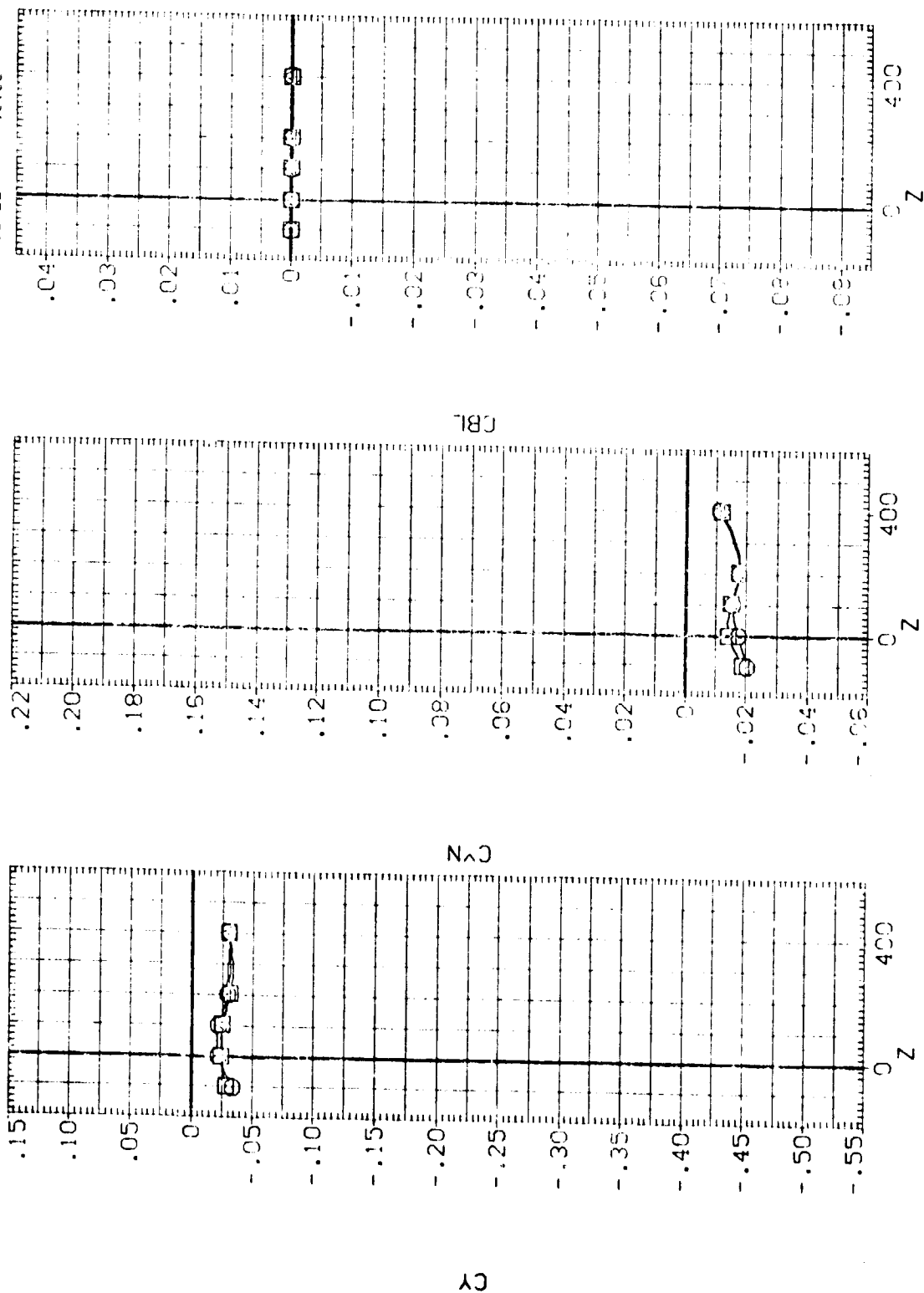


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/E<sup>†</sup> (ALPHA=-.4 BETA=5.4)  
(B)Y --100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU101)	AEDC/VAS28(1AB7)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU104)	AEDC/VAS28(1AB7)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	.000	.000	.000	4.520	REF 1250.3000 INCHES
(ATU105)	AEDC/VAS28(1AB7)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	-5.000	.000	.000	4.520	REF 1250.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

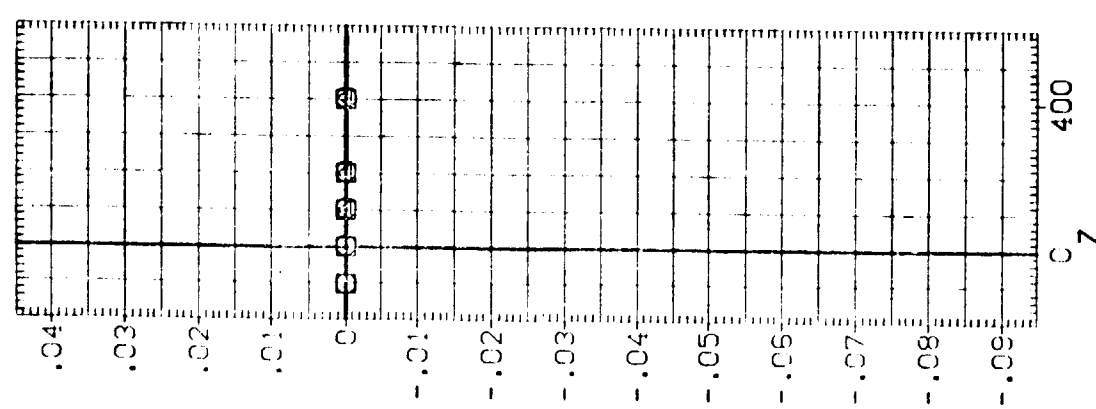
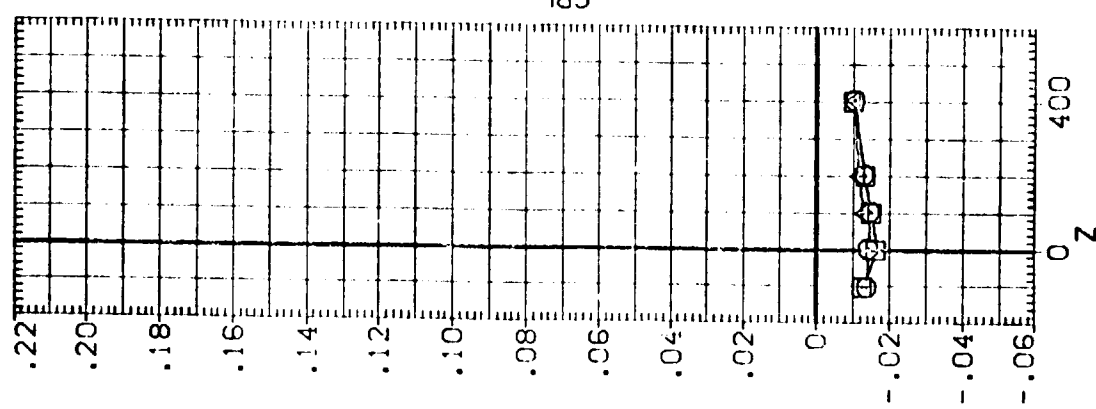
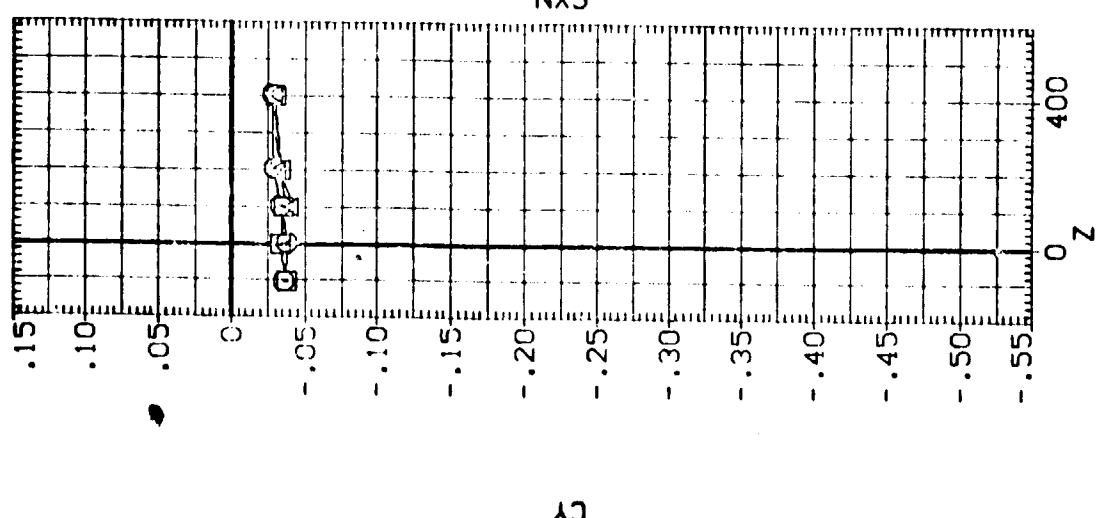


FIG 14 LEFT SRB AERO CHARACTERISTICS, SEPARATING FROM O/ET (ALPHA=-.4 BETA=5.4)

(C)Y --200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATUI02) AEDC/VAS281(A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET

(ATUI03) AEDC/VAS281(A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET

(ATUI06) AEDC/VAS281(A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.

LREF 1290.3000 INCHES

BREF 1290.3000 INCHES

XMRP 1258.5000 IN. XS

YMRP .0000 IN. YS

ZMRP 400.0000 IN. ZS

SCALE .0100

MACH 4.520

X 300.000

DBETA .000

DALPHA .000

SRB SEPAR. FROM O/ET

SRB SEPAR. FROM O/ET

SRB SEPAR. FROM O/ET

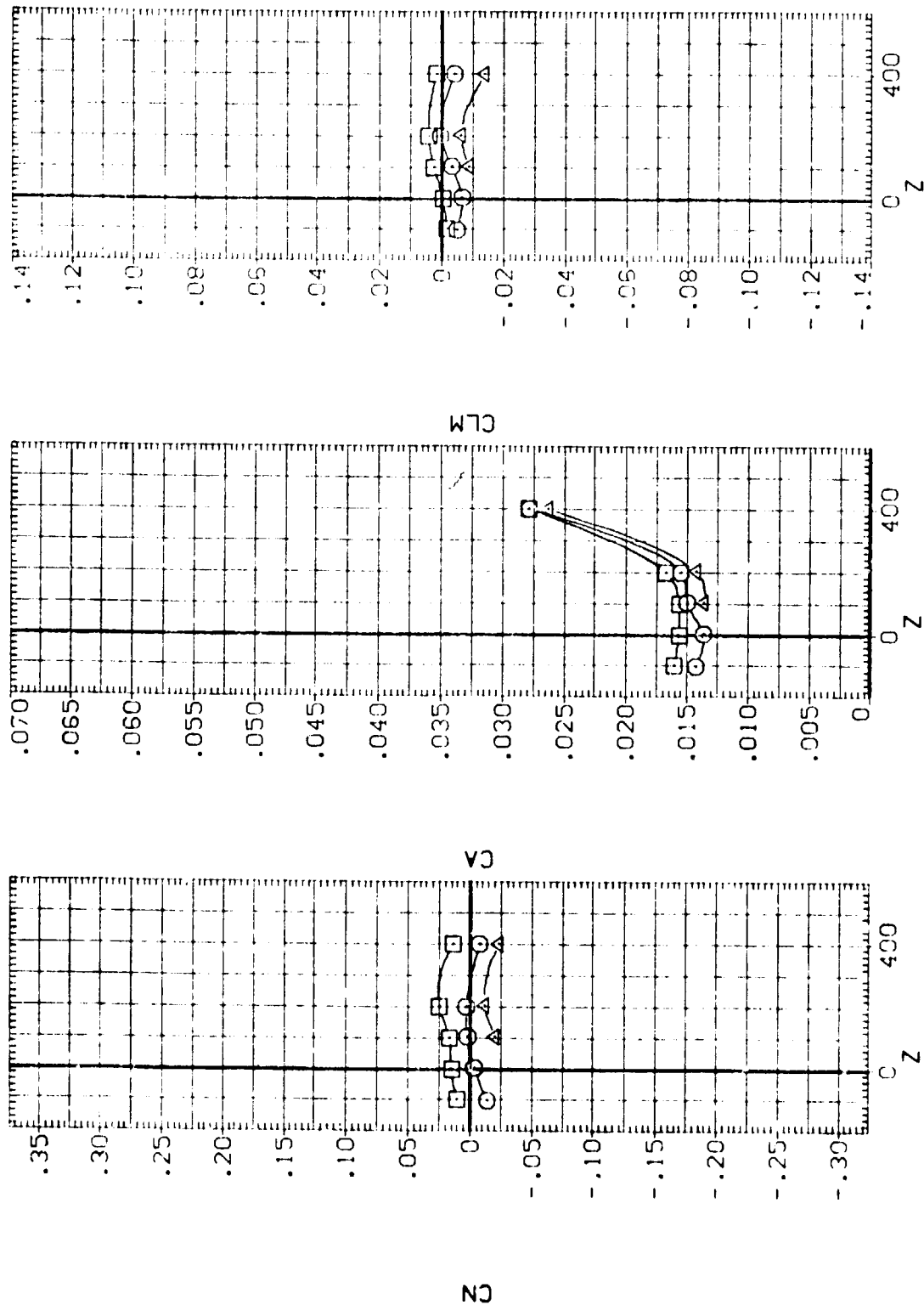


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=5.4)

(A)Y = -10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATJ102)	AEDC/VA528(IAB7)-01ETIS1-L/H	SRB	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATJ103)	AEDC/VA528(IAB7)-01ETIS1-L/H	SRB	.000	.000	300.000	4.520	LREF 290.3000 INCHES
(ATJ106)	AEDC/VA528(IAB7)-01ETIS1-L/H	SRB	.000	.000	300.000	4.520	BREF 290.3000 INCHES
							XMPP 258.5000 IN XS
							YMPP .0000 IN YS
							ZMPP 400.0000 IN ZS
							SCALE .0100

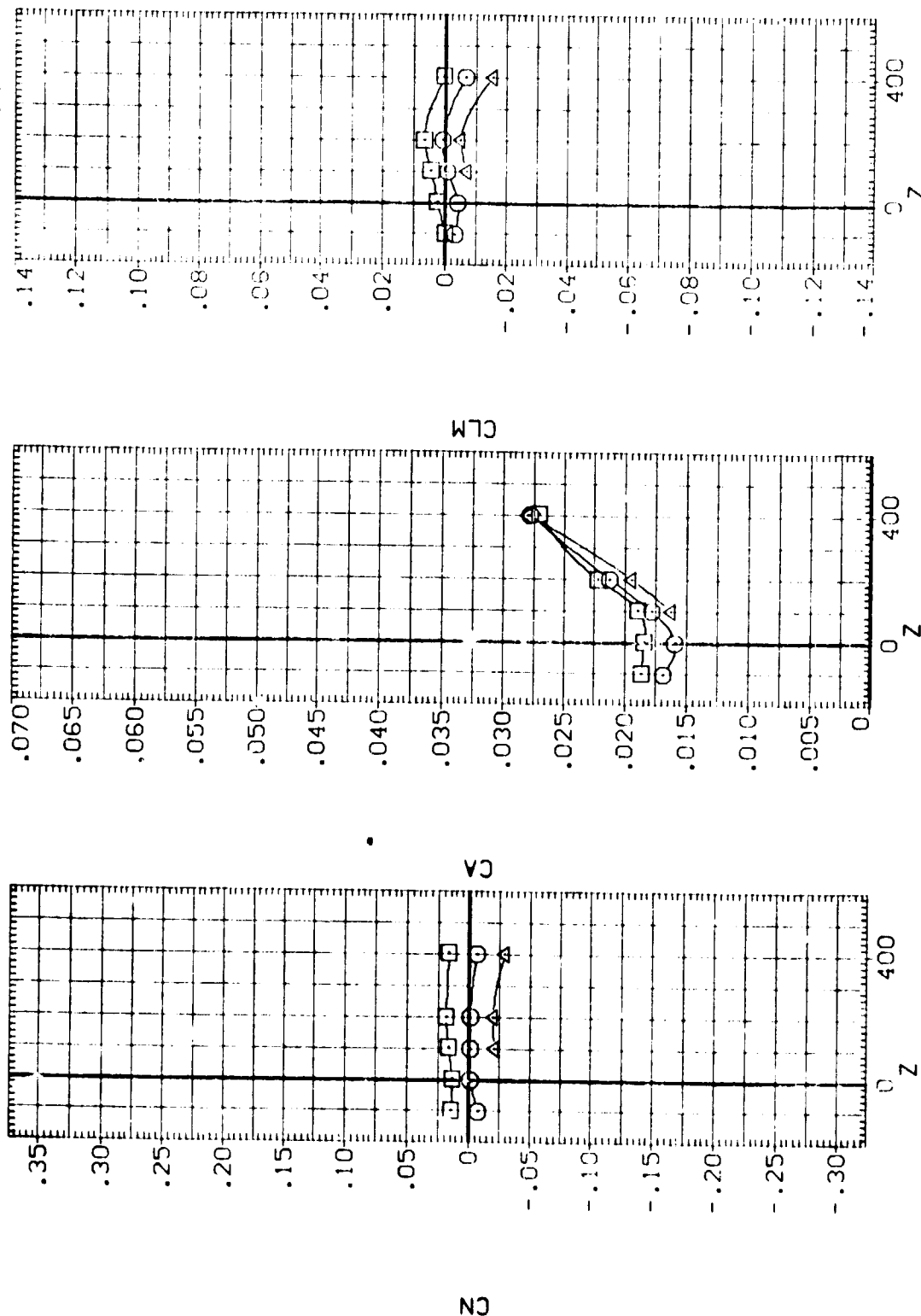


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=5.4)

(B)Y = -100.00





DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM C/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI02)	□	AEDC/VA528(IAB7)-O1ET:SI-L/H	SRB SEPAR. FROM C/ET	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI03)	□	AEDC/VA528(IAB7)-O1ET:SI-L/H	SRB SEPAR. FROM C/ET	.000	.000	300.000	4.520	LREF 1290.3000 NCUS
(ATUI06)	□	AEDC/VA528(IAB7)-O1ET:SI-L/H	SRB SEPAR. FROM C/ET	-5.000	.000	300.000	4.520	BREF 1290.3000 NCUS
								ANRP 1290.3000 N. XS
								YMRP .0000 N. YS
								ZMRP 400.0000 N. ZS
								SCALE .0100

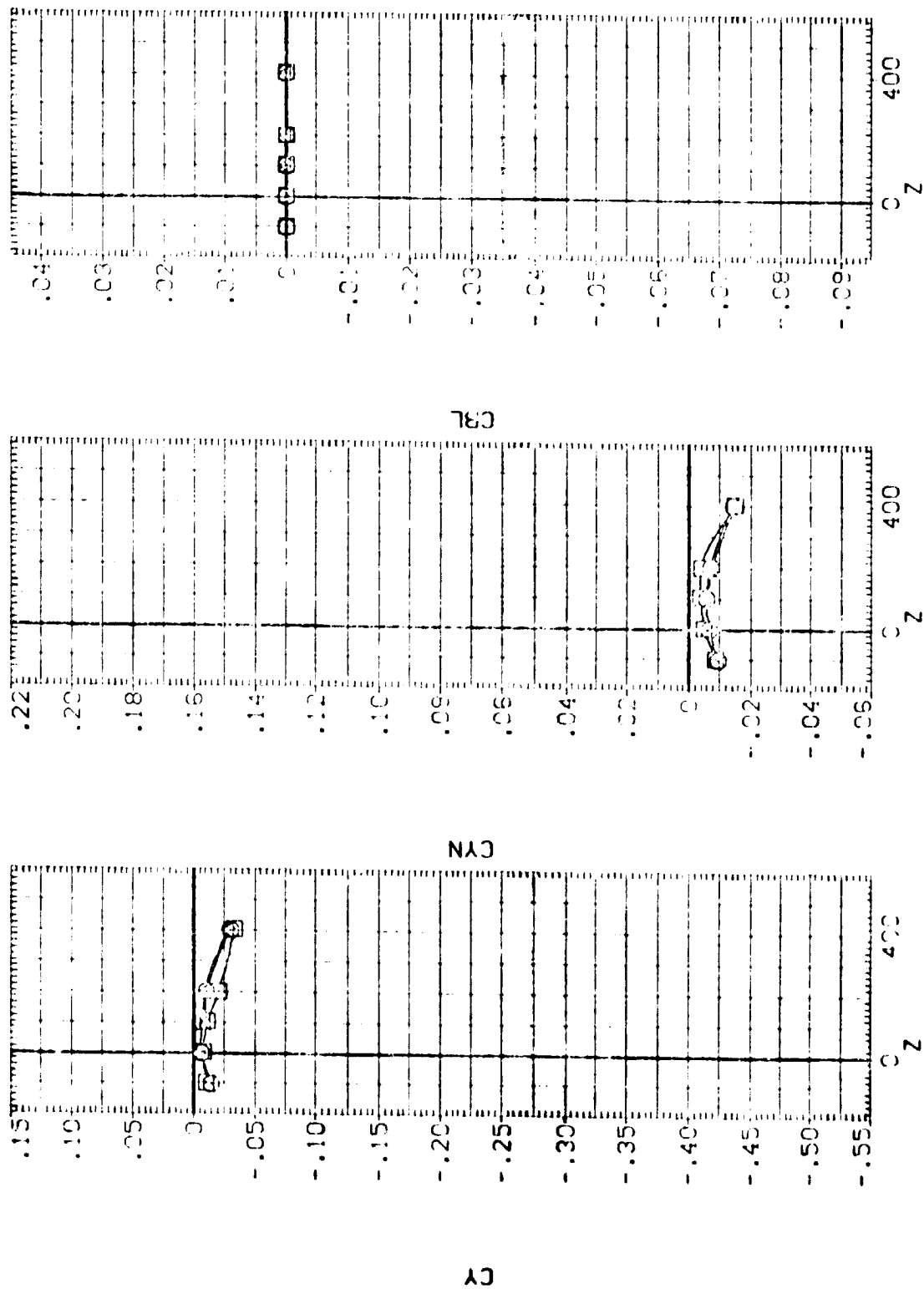


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM C/ET (ALPHA=-.4 BETA=5.4)

(8)Y --100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/E	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU102)	AEDC/VAS28(1A87)-G1ET1S1-L/H	SRB	.000	.000	300.000	4.520	SRB 2690.0000 SO.FT.
(ATU103)	AEDC/VAS28(1A87)-G1ET1S1-L/H	SRB	5.000	.000	300.000	4.520	SRB 2690.0000 INCHES
(ATU106)	AEDC/VAS28(1A87)-G1ET1S1-L/H	SRB	-5.000	.000	300.000	4.520	SRB 2690.0000 INCHES
							SRB 2690.0000 IN. XS
							SRB 2690.0000 IN. YS
							SRB 2690.0000 IN. ZS
							SCALE

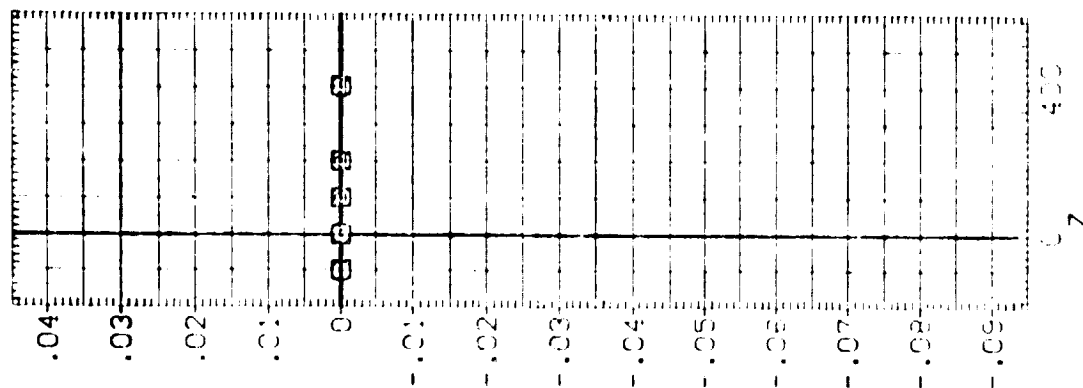
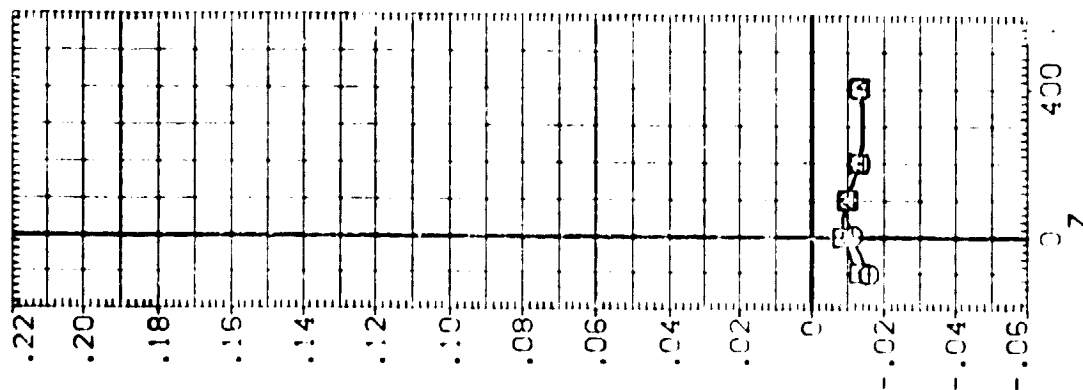
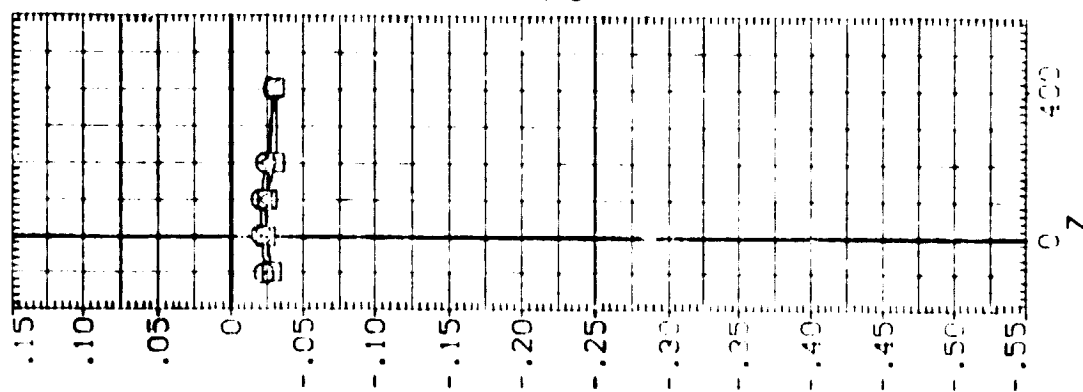


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=5.4)

(C)Y =-200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(A1U107)	AEDC/VA528 (A87)-O1ETISI-L/H	SRB SEPAR. FROM O/EI	.000	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(A1U110)	AEDC/VA528 (A87)-O1ETISI-L/H	SRB SEPAR. FROM O/EI	5.000	4.000	.000	4.520	REF 1590.3000 IN.-ES
(A1U111)	AEDC/VA528 (A87)-O1ETISI-L/H	SRB SEPAR. FROM O/EI	-5.000	4.000	.000	4.520	BREF 1590.3000 IN.-ES
							ANRP 255.5000 IN. XS
							ANRP 400.0000 IN. YS
							SCALE .0100

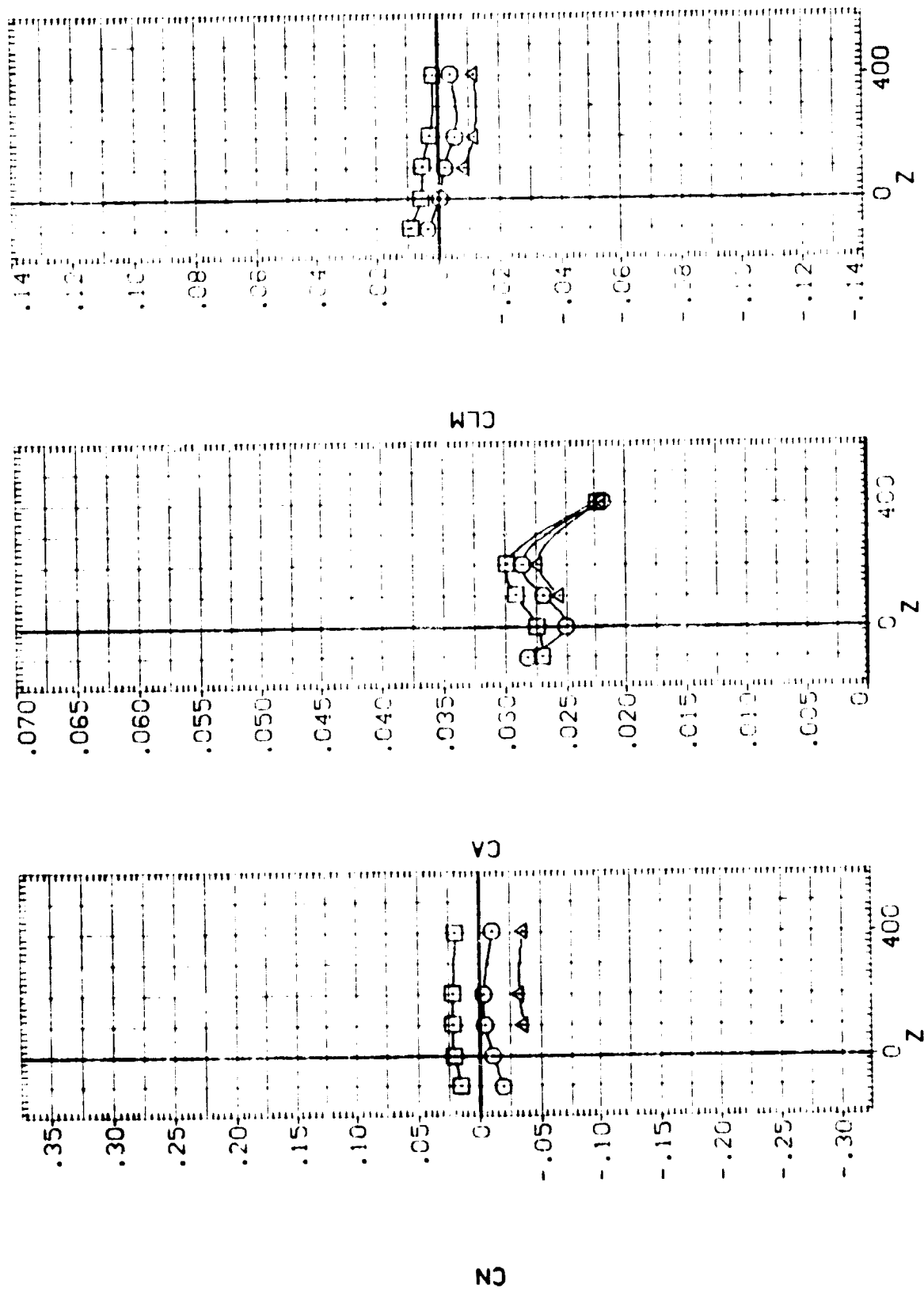


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/EI (ALPHA=-.4 BETA=5.4)

(A)Y =-100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	M/H	REFERENCE INFORMATION
(ATU107)	AEDC/VAS28(1A87)-01ET1S1-L/H	.000	4.000	.000	1.320	SREF 2690.0000 SO.FT.
(ATU110)	AEDC/VAS28(1A87)-01ET1S1-L/H	.000	4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU111)	AEDC/VAS28(1A87)-01ET1S1-L/H	-5.000	4.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						VMRO .0030 IN. VS
						ZMRP 400.0030 IN. ZS
						SCALE .0100

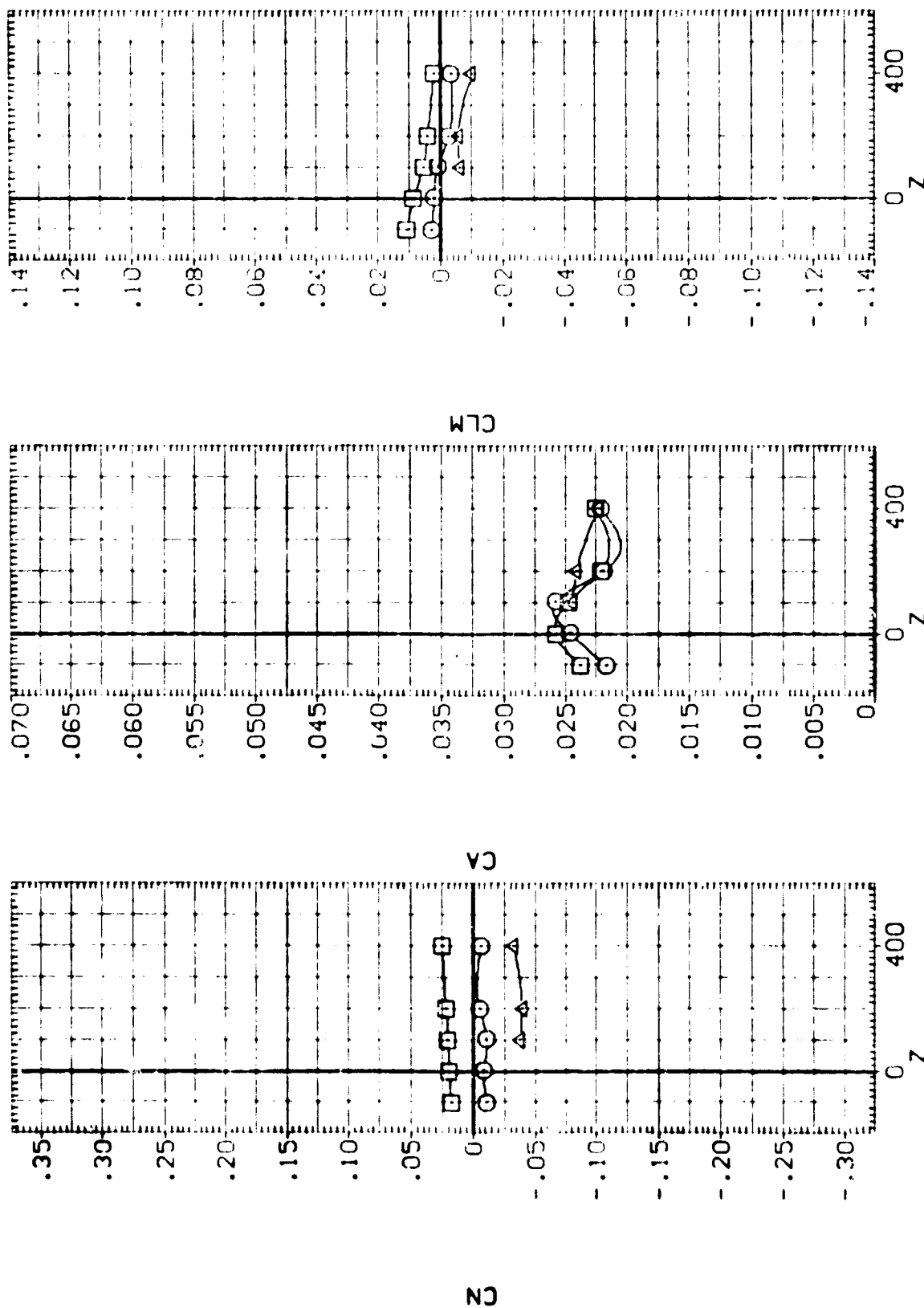


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/VET (ALPHA=-.4 BETA=5.4)

(8)Y --200.00



DATA SET SYMBOL	CONF IGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU107)	AEDC/VAS28(1A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET	.000	4.020	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU110)	AEDC/VAS28(1A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET	5.000	4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU111)	AEDC/VAS28(1A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET	-5.000	4.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

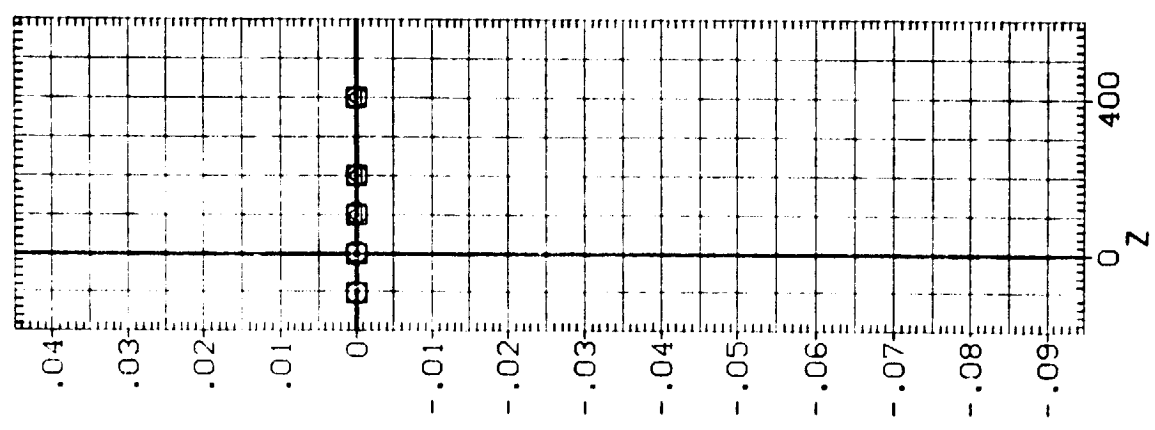
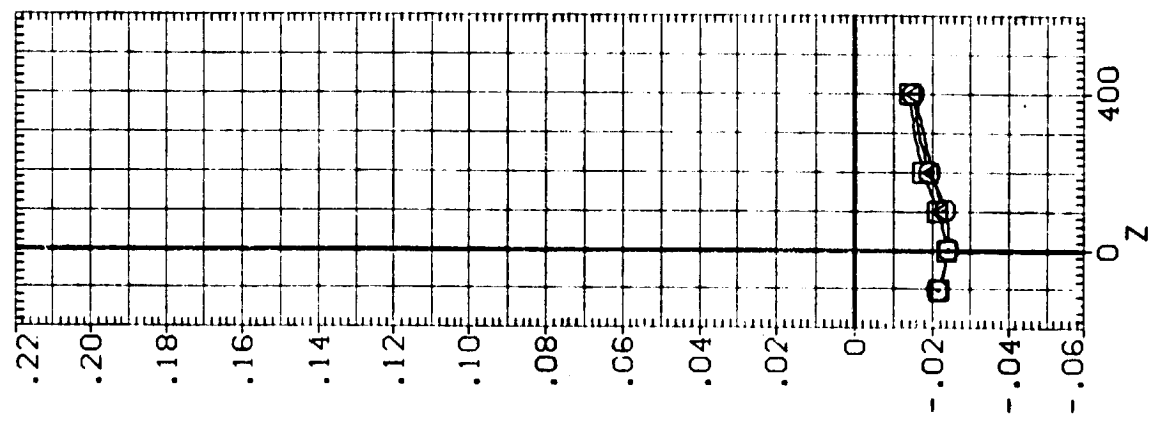
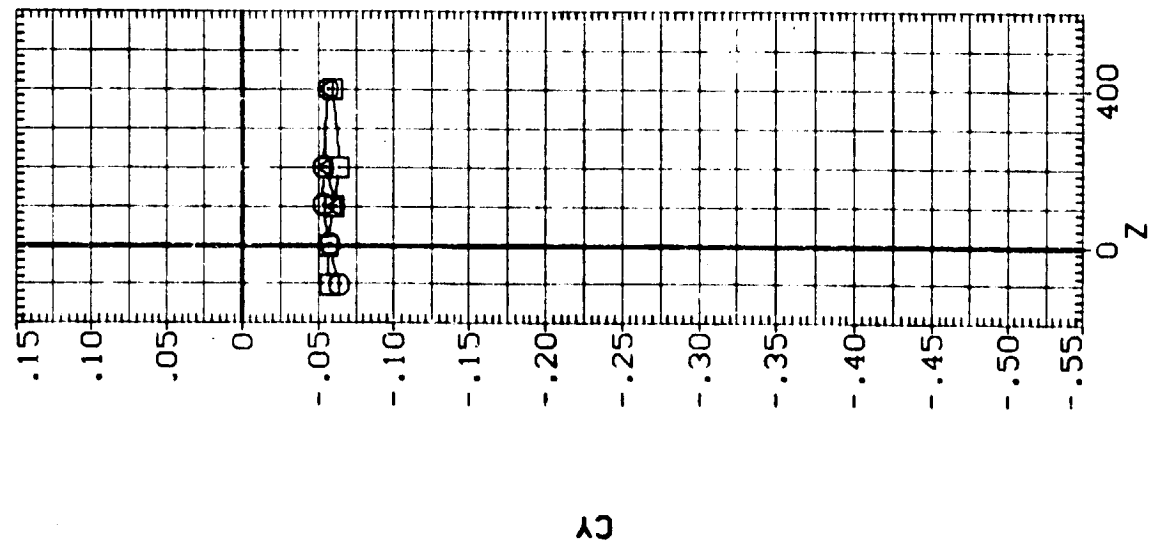


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=5.4)

(B)Y --200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI08)	AEDC/VA528(1A87)-O1ETIS1-L/H	SRB	.000	4.000	300.000	4.520	SREF 2690.0000
(ATUI09)	AEDC/VA528(1A87)-O1ETIS1-L/H	SRB	.000	4.000	300.000	4.520	LREF 1290.3000
(ATUI12)	AEDC/VA528(1A87)-O1ETIS1-L/H	SRB	-5.000	4.000	300.000	4.520	BREF 1290.3000
							XMRP 1258.5000
							YMRP .0000
							ZMRP 400.0000
							SCALE .0100

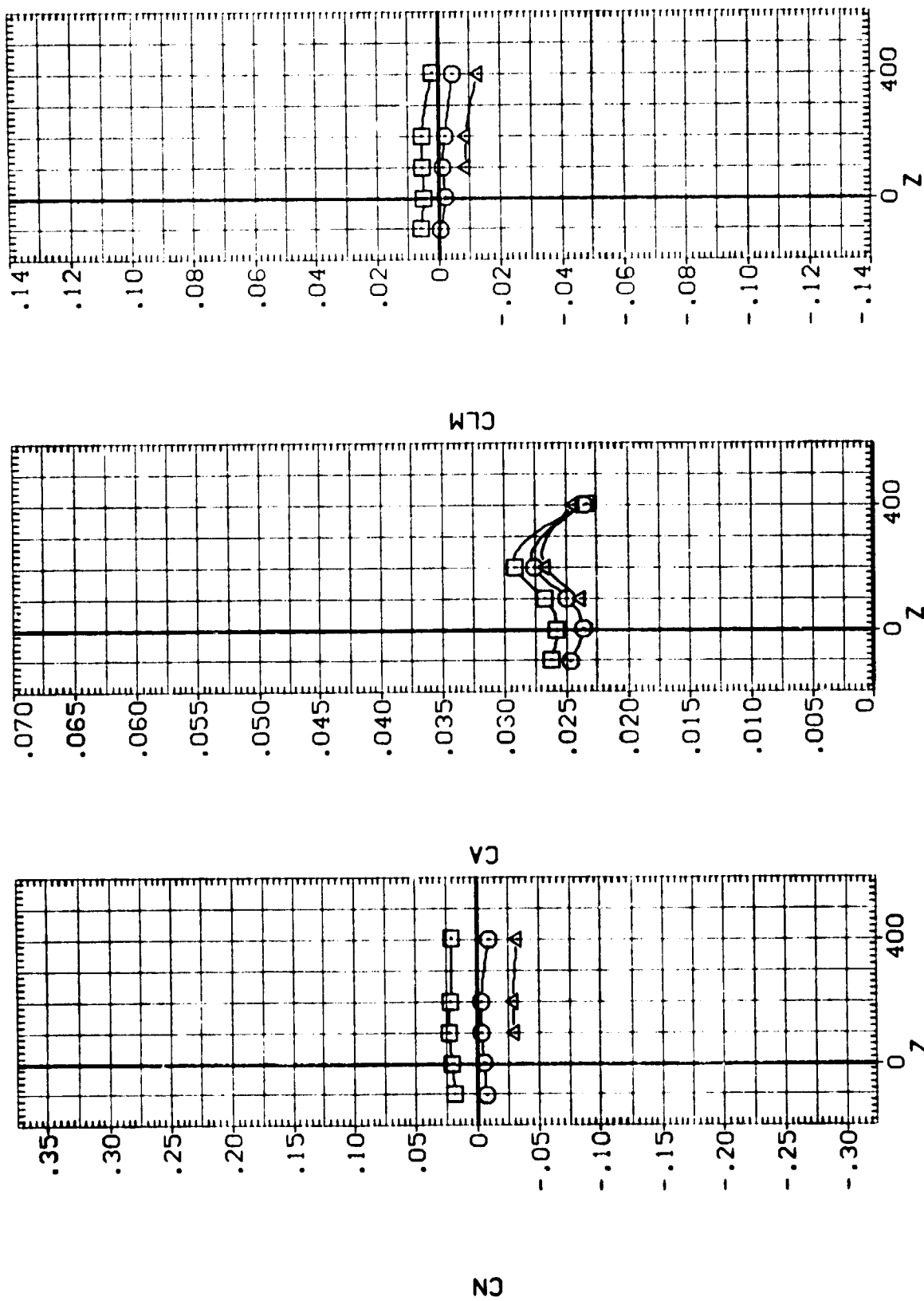


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=-.4 BETA=5.4)

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU108)  
(ATU109)  
(ATU112)

□  
△  
○

AEDC/VA528(IAB7)-01ETIS1-L/H  
AEDC/VA528(IAB7)-01ETIS1-L/H  
AEDC/VA528(IAB7)-01ETIS1-L/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
.000  
5.000  
-5.000

DBETA  
4.000  
4.000  
4.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SO. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

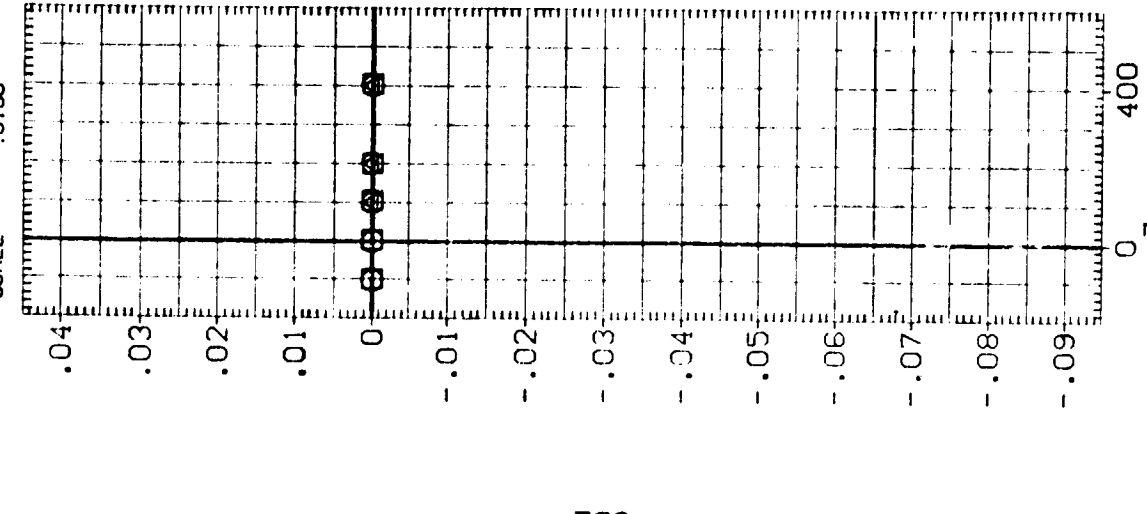
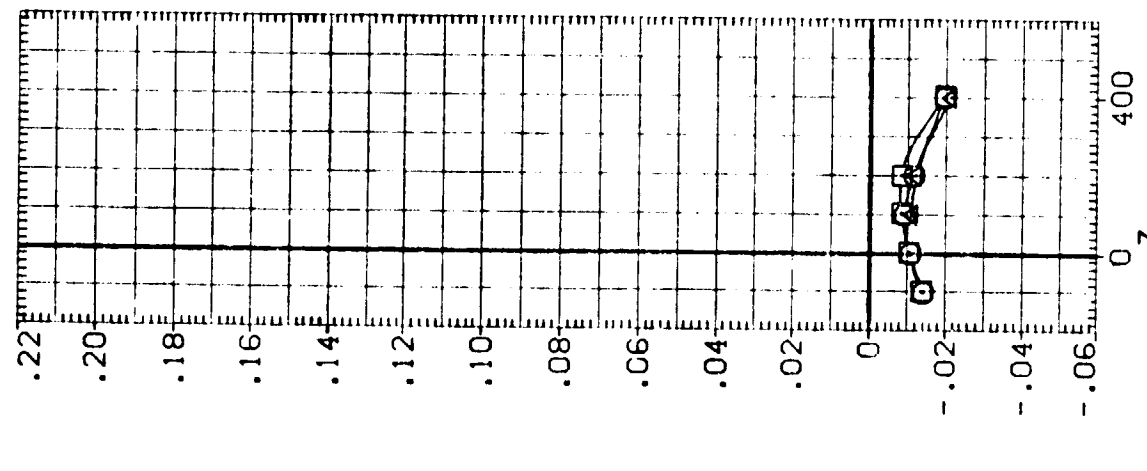
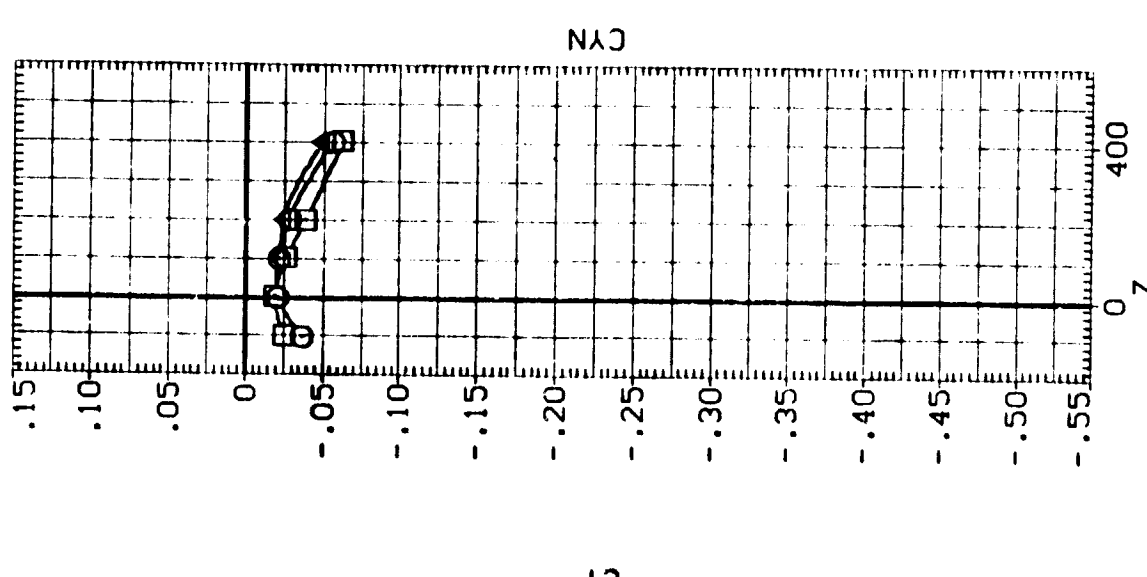


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=5.4)

(A)Y = -100.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU108) AEDC/VAS28(IAB7)-01ETIS1-L/H  
 (ATU109) AEDC/VAS28(IAB7)-01ETIS1-L/H  
 (ATU112) AEDC/VAS28(IAB7)-01ETIS1-L/H

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

DALPHA  
 .000  
 5.000  
 -5.000

DBETA  
 4.000  
 4.000  
 4.000

X  
 300.000  
 300.000  
 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

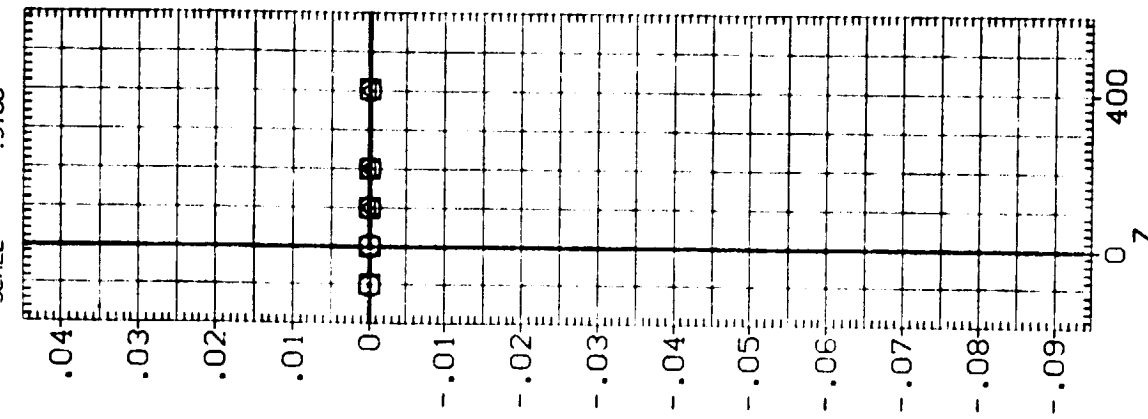
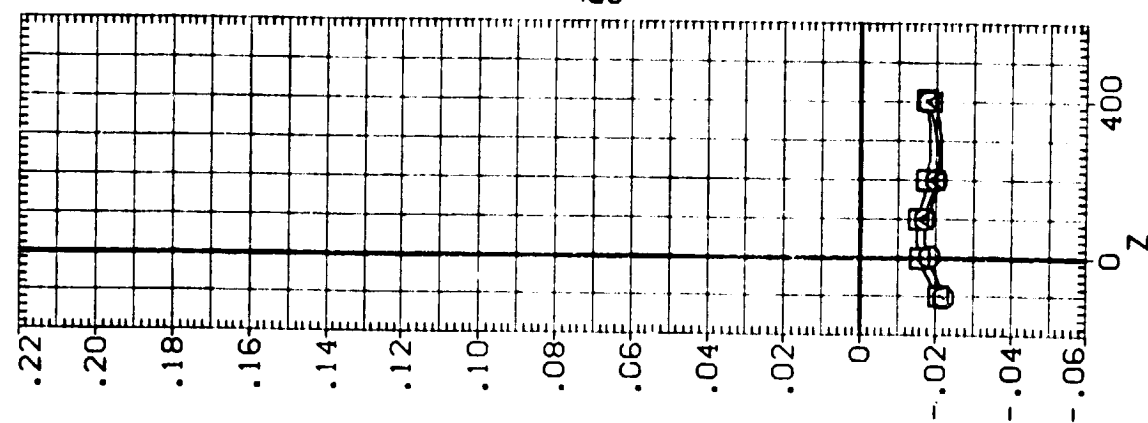
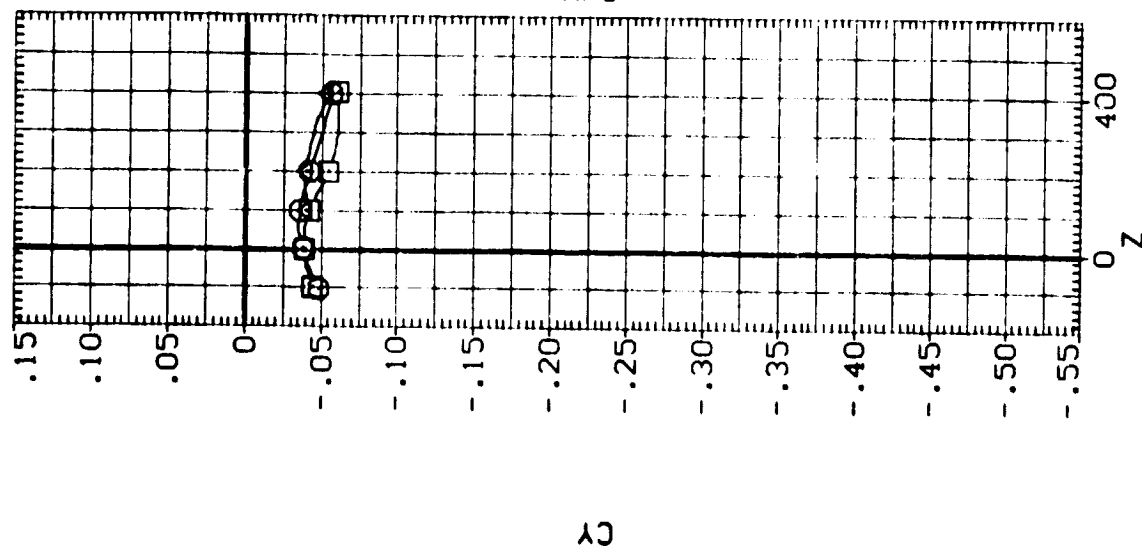


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=5.4)

(B)Y = -200.00



DATA SET SYMBOL

CONFIGURATION DESCRIPTION

(ATUI13)  
(ATUI16)  
(ATUI17)

AEDC/VAS28(1A87)-01ET1S1-L/H  
AEDC/VAS28(1A87)-01ET1S1-L/H  
AEDC/VAS28(1A87)-01ET1S1-L/H

SRB SEPAR. FROM O/EI  
SRB SEPAR. FROM O/EI  
SRB SEPAR. FROM O/EI

DALPHA

DBETA

X

MACH

REFERENCE INFORMATION

SRF 2690.0000 SQ.FT.  
LRF 1290.3000 INCHES  
BRF 1290.3000 INCHES  
XMRP 1290.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

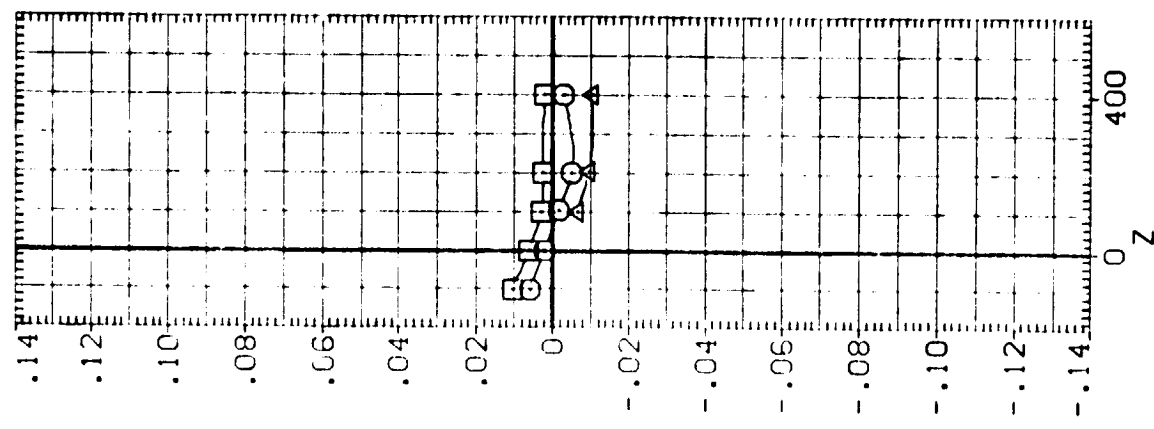
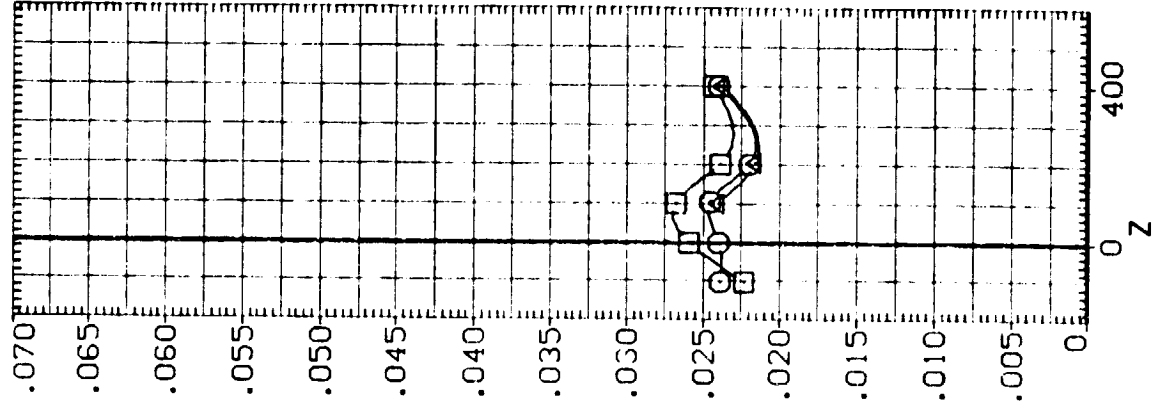
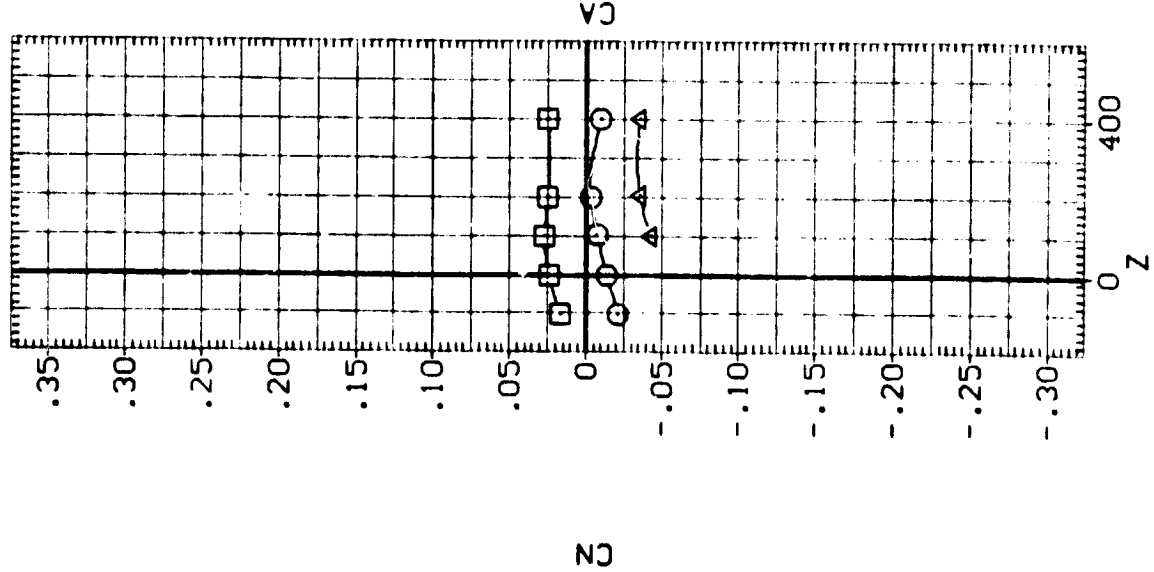


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/EI (ALPHA=-.4 BETA=5.4)

(A)Y = -200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU113)  
(ATU116)  
(ATU117)

AEBC/VAS28(IAB7)-01ETISI-L/H  
AEBC/VAS28(IAB7)-01ETISI-L/H  
AEBC/VAS28(IAB7)-01ETISI-L/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
DBETA

8.000  
8.000  
8.000

X  
MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

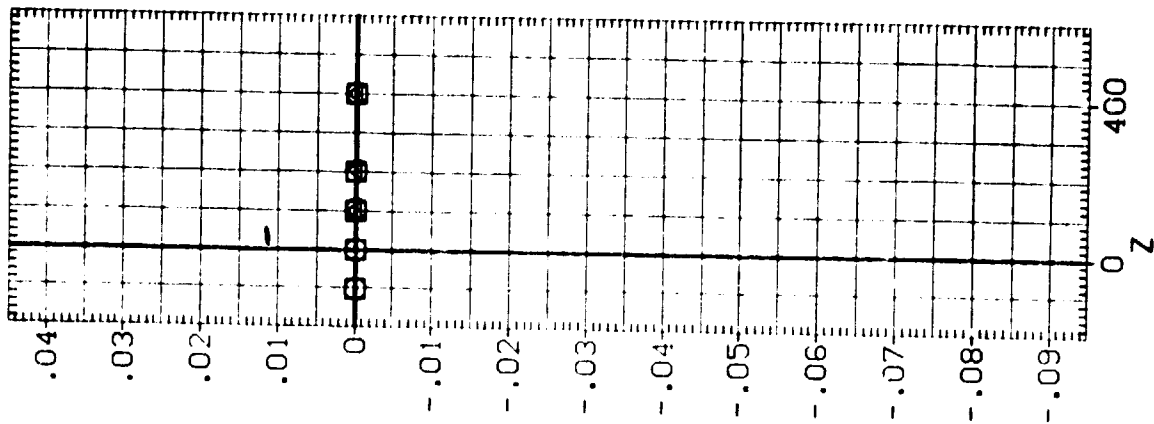
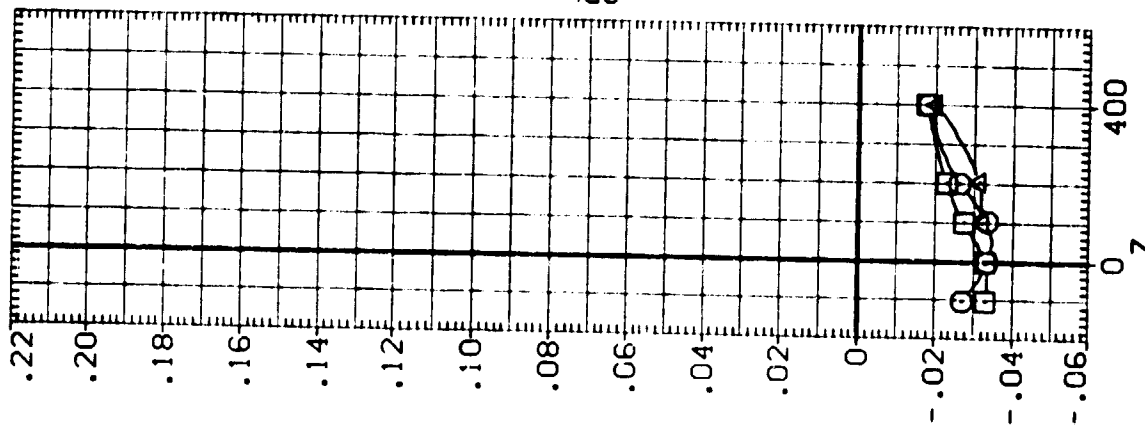
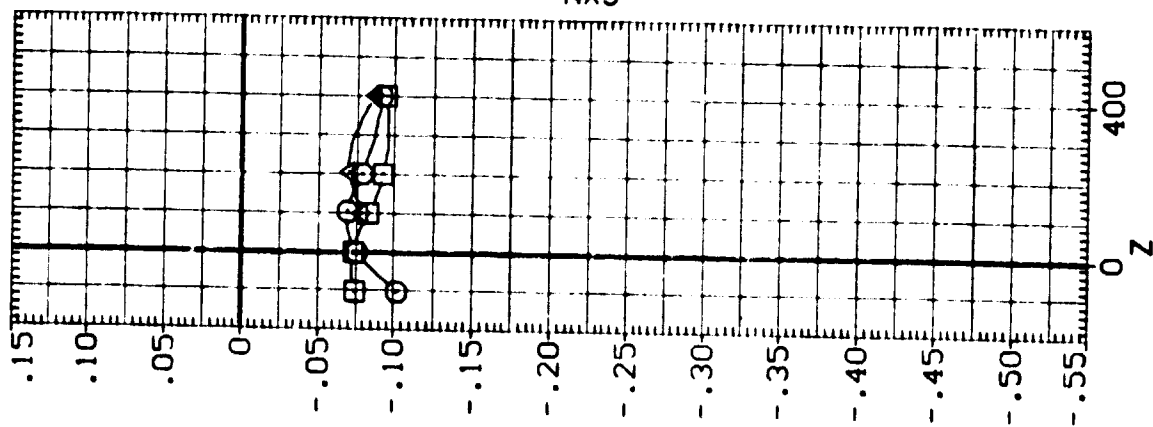


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=5.4)

(A)Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI14)	AEDC/VA528(IAB7)-O1ET1SI-L/H	SRB SEPAR. FROM O/ET	.000	8.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATUI15)	AEDC/VA528(IAB7)-O1ET1SI-L/H	SRB SEPAR. FROM O/ET	.000	8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI16)	AEDC/VA528(IAB7)-O1ET1SI-L/H	SRB SEPAR. FROM O/ET	-5.000	8.000	300.000	4.520	BREF 1290.3000 INCHES
							VMRP 1258.5000 IN. XS
							ZMRP .0000 IN. XS
							SCALE 400.0000 IN. ZS

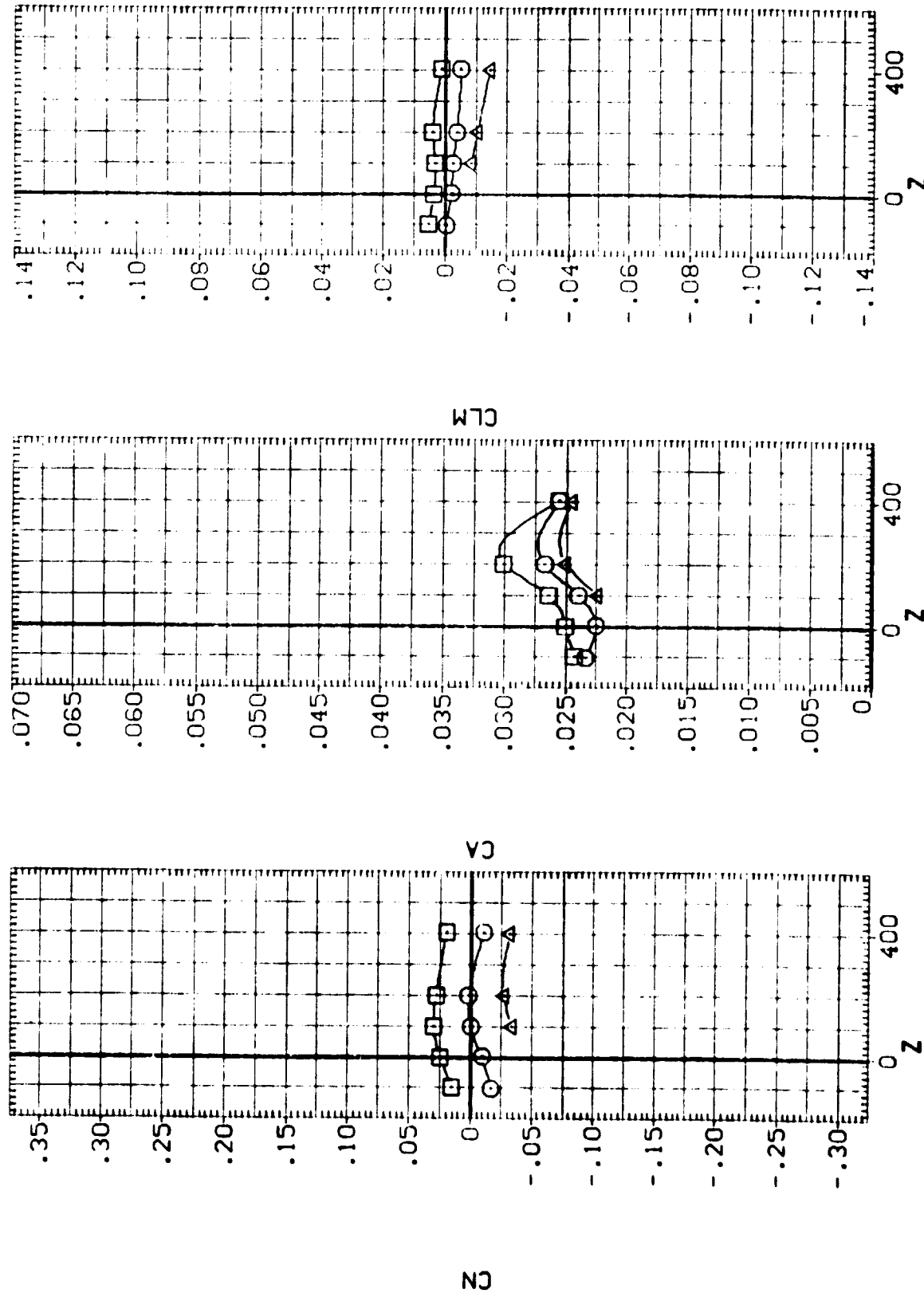


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=5.4)

(A) Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU114)	AEDC/VAS28(1A87)-01ET151-L/H	SRB	.000	8.000	300.000	4.520	SREF 2630.0000 SQ. FT.
(ATU115)	AEDC/VAS28(1A87)-01ET151-L/H	SRB	5.000	8.000	300.000	4.520	LREF 1250.3000 INCHES
(ATU116)	AEDC/VAS28(1A87)-01ET151-L/H	SRB	-5.000	8.000	300.000	4.520	BREF 1250.3000 INCHES
		SRB					XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

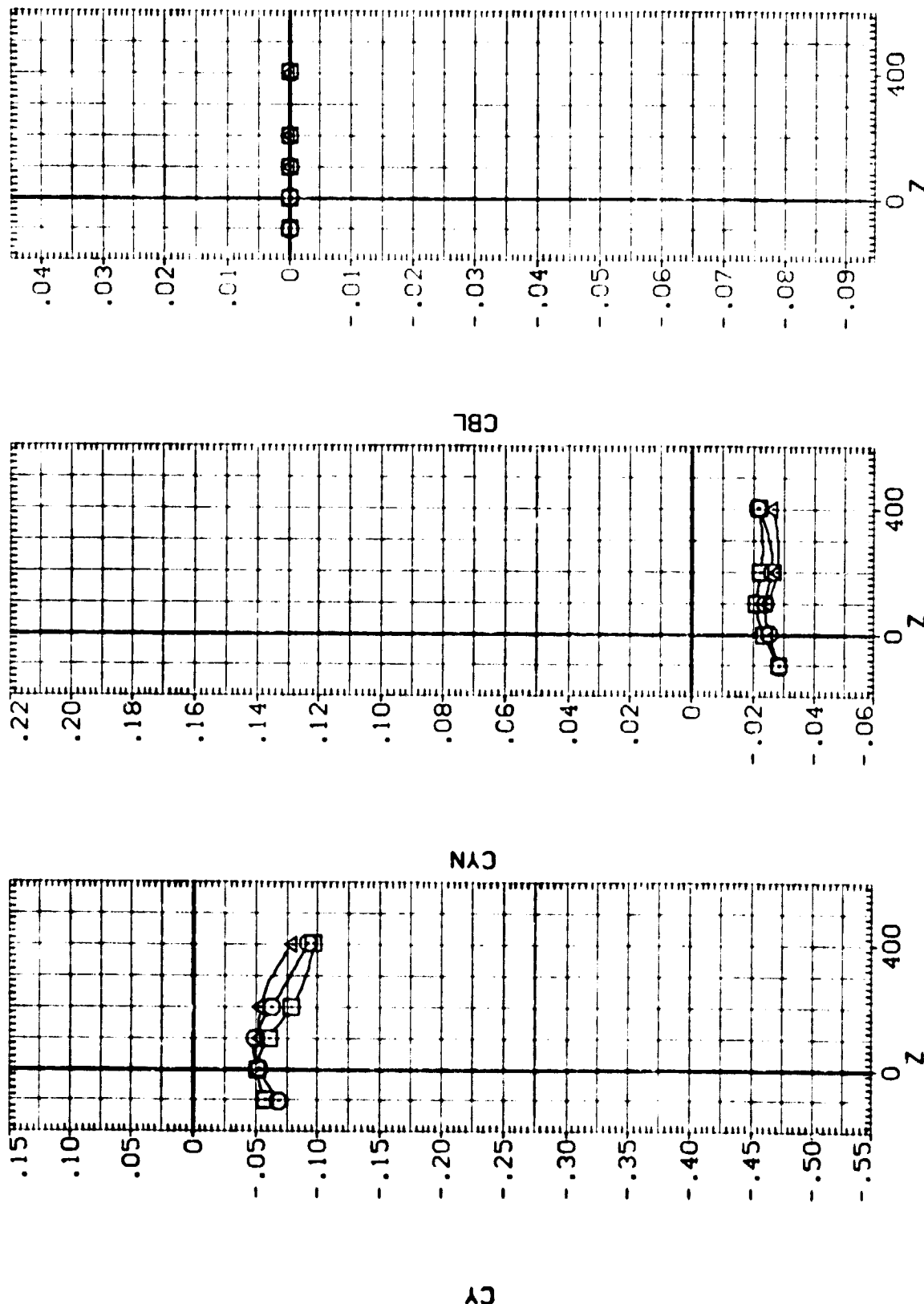


FIG 14 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.4 BETA=5.4)

(A)Y =-200.00

DATA SET SYMBOL: (ATU137) (ATU140) (ATU141)  
 CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ET1S1-L/H AEDC/VAS28(1A87)-01ET1S1-L/H AEDC/VAS28(1A87)-01ET1S1-L/H  
 SRB SEPAR. FROM O/ET: .000 .000 .000  
 SRB SEPAR. FROM O/ET: .000 .000 .000  
 SRB SEPAR. FROM O/ET: .000 .000 .000  
 DALPHA: .200 .200 .200  
 DBETA: .000 .000 .000  
 MACH: 4.520 4.520 4.520  
 REFERENCE INFO: SREF 2690.0000 SQ.FT. SREF 1290.3000 INCHES SREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS XMRP 1258.5000 IN. YS XMRP 400.0000 IN. ZS  
 SCALE: .0100

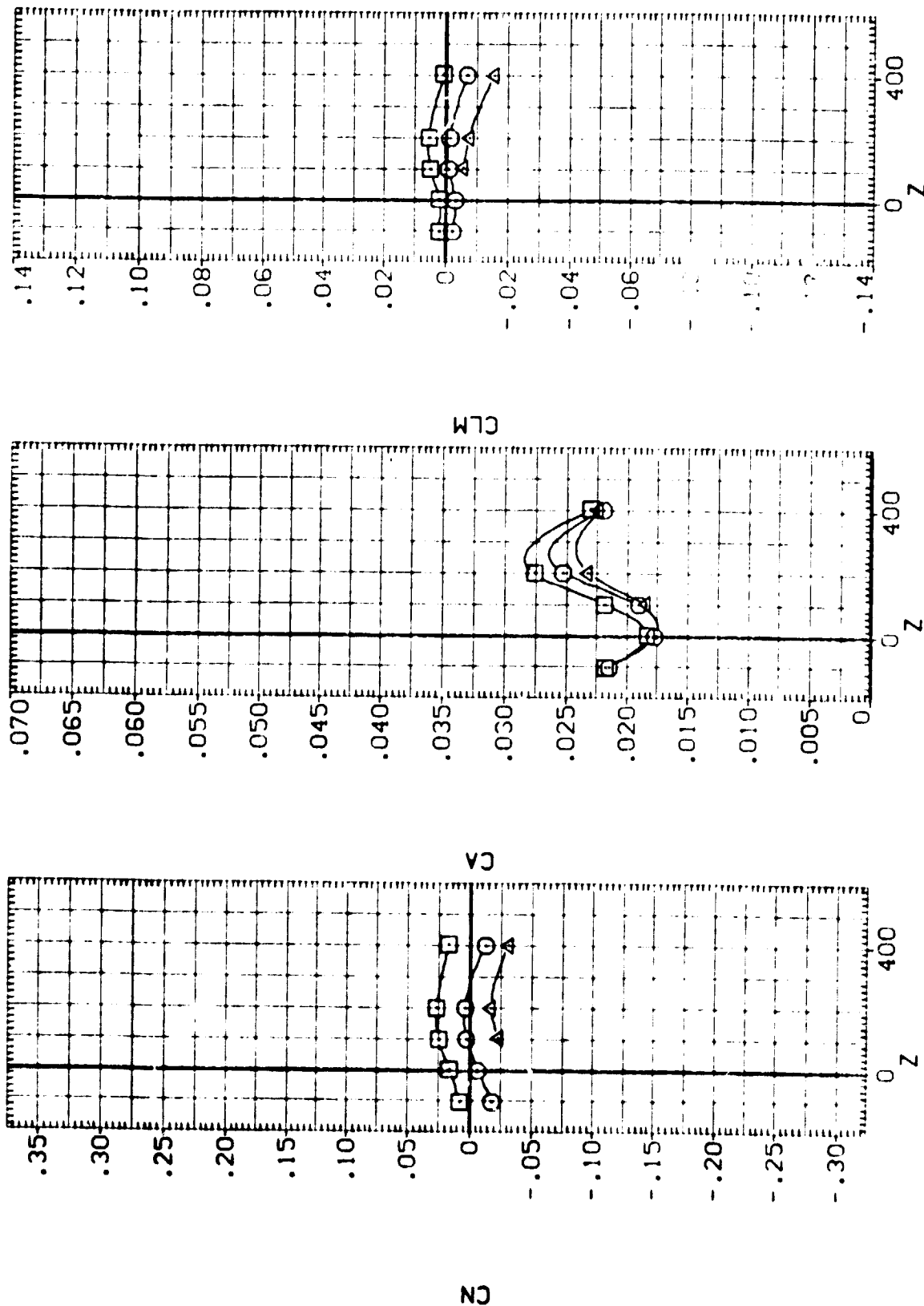


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(A)Y = -40.00

DATA SET SYMBOL  
(ATUI37)  
(ATUI40)  
(ATUI41)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ET1S1-L/H  
AEDC/VAS28(1A87)-01ET1S1-L/H  
AEDC/VAS28(1A87)-01ET1S1-L/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA DBETA  
.200  
5.200  
-4.900

X  
.000  
.000  
.000

MACH  
4.533  
4.533  
4.533

REFERENCE INFORMATION  
SRBF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
YMRP 1258.5000 IN. XS  
ZMRP 400.0000 IN. YS  
SCALE .0100

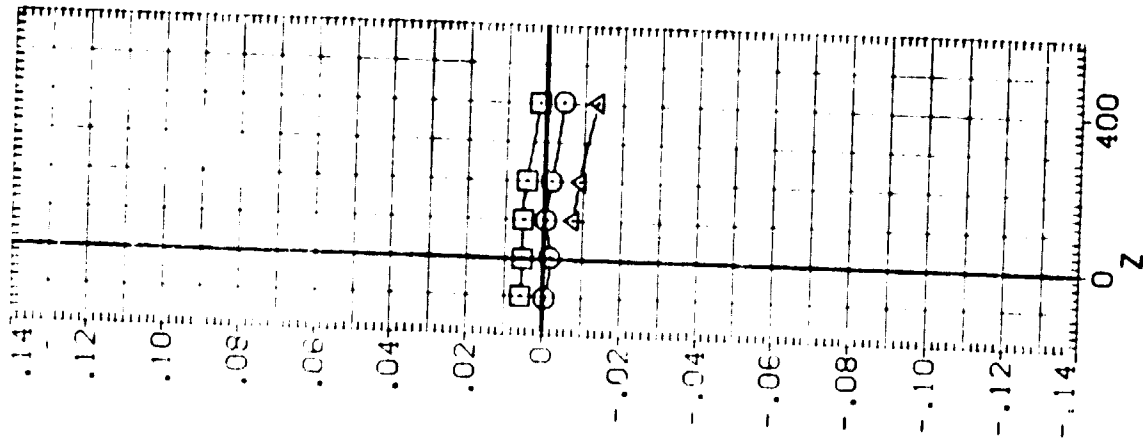
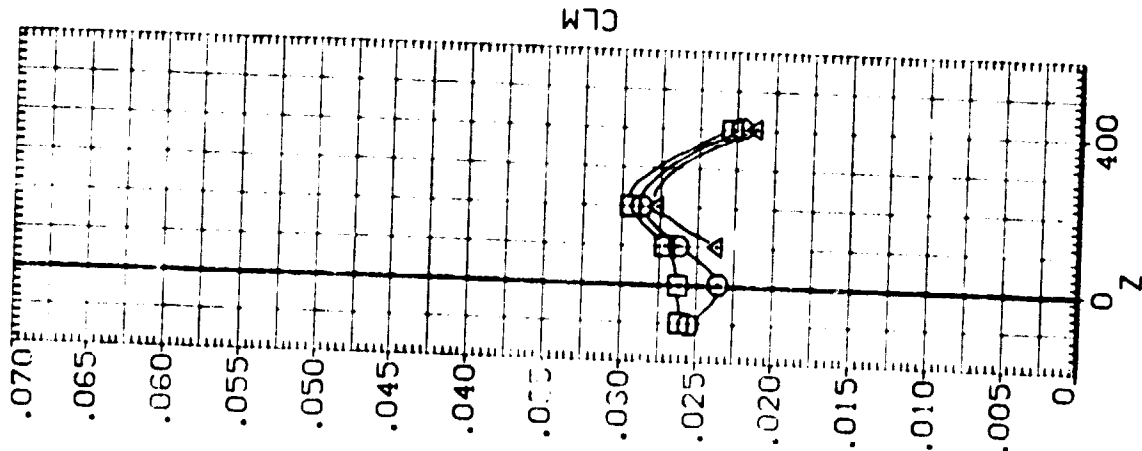
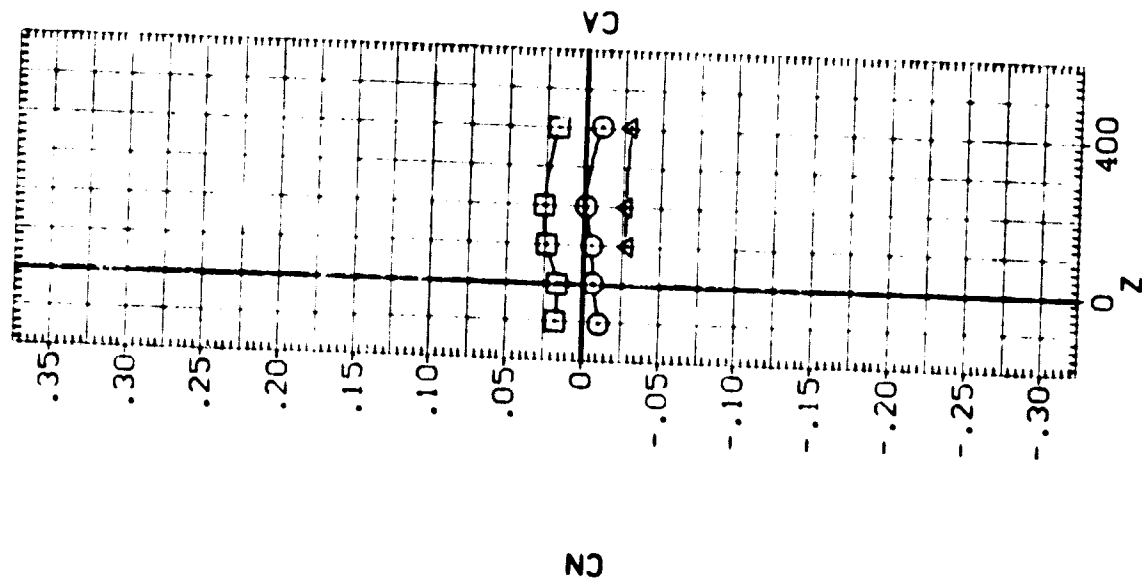
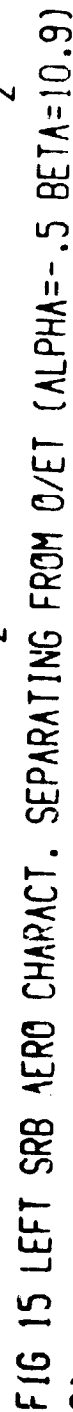


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)  
(B)Y =-100.00

REFERENCE	INFORMATION
SREF	2650 0000 SQ. FT.
LREF	1250 3000 INCHES
BREF	1250 3000 INCHES
XMRP	1250 5000 IN. XS
YMRP	0000 IN. YS
ZMRP	400 0000 IN. ZS
SCALE	0100







CONFIGURATION	DESCRIPTION
NEDC/VA528(IAB7)	-01ETSI-L/H
NEDC/VA528(IAB7)	-01ETSI-L/H
NEDC/VA528(IAB7)	-01ETSI-L/H

SRB SEPAR. FROM O/E.T.  
SRB SEPAR. FROM O/E.T.  
SRB SEPAR. FROM O/E.T.

DALPHA  
5.200  
-4.900

ETA  
.000  
.000  
.000

• • •

MACH  
4.520  
4.520  
4.520

REF  
SREF  
LREF  
DOE-

2690.0  
1290.5  
1300

11. **INCHES**

INCHES	
IN. XS	1250.3000
IN. YS	1258.5000
IN. ZS	.0000
	400.0000
SCALE	.0100

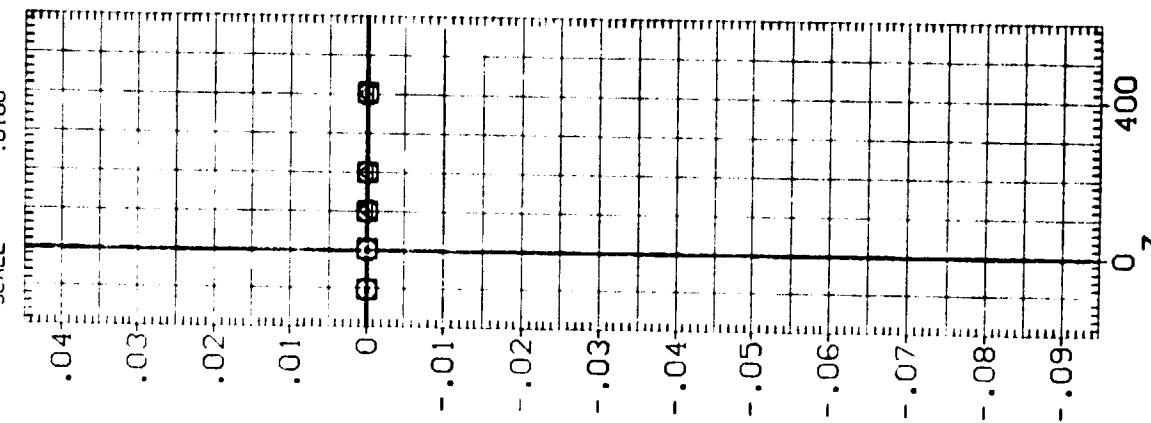
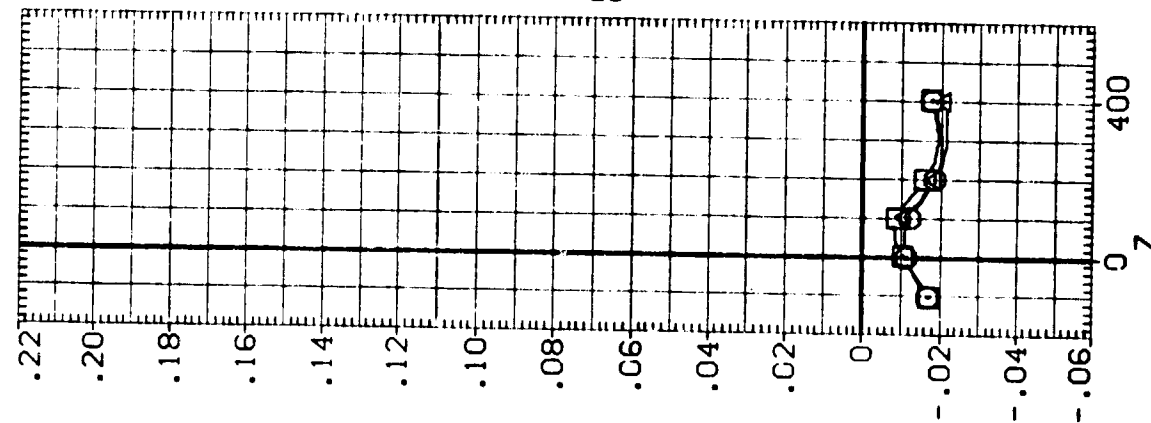
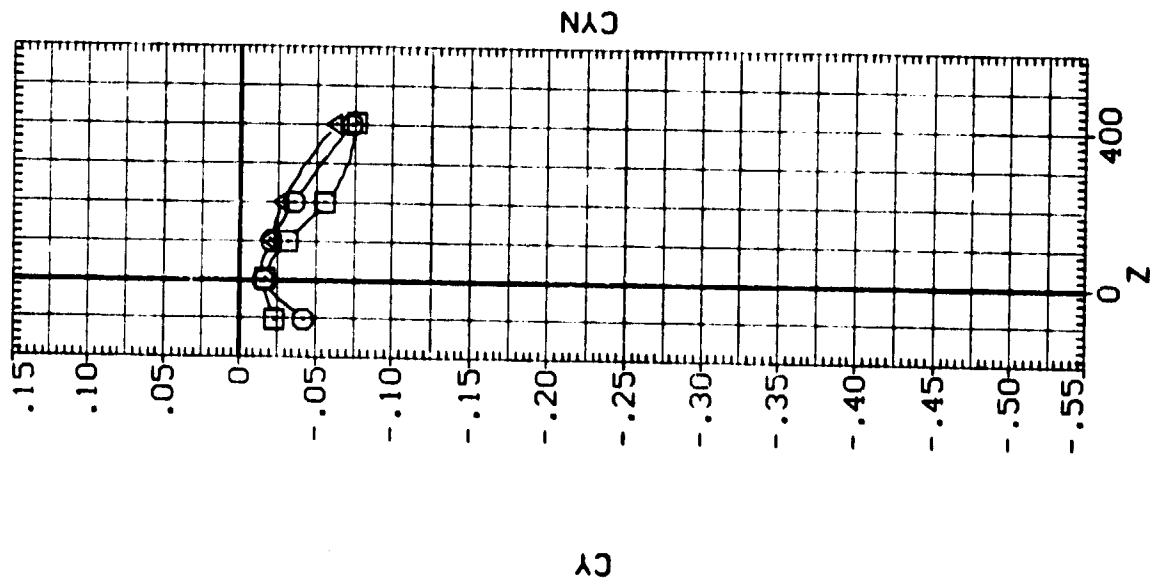


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

**(A)Y = -40.00**

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFO	ION
(ATU137)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	.200	.000	.000	4.520	SREF	2690.0000 SO.FT.
(ATU140)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	5.200	.000	.000	4.520	LREF	1290.3000 INCHES
(ATU141)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	-4.900	.000	.000	4.520	BREF	1290.3000 INCHES
							XMRP	1258.5000 IN. XS
							YMRP	.0000 IN. YS
							ZMRP	400.0000 IN. ZS
							SCALE	.0100

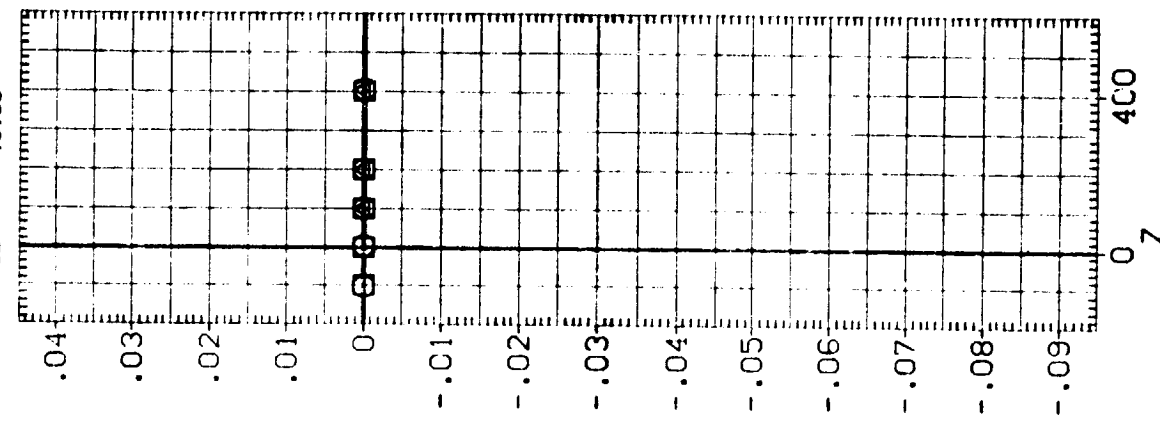
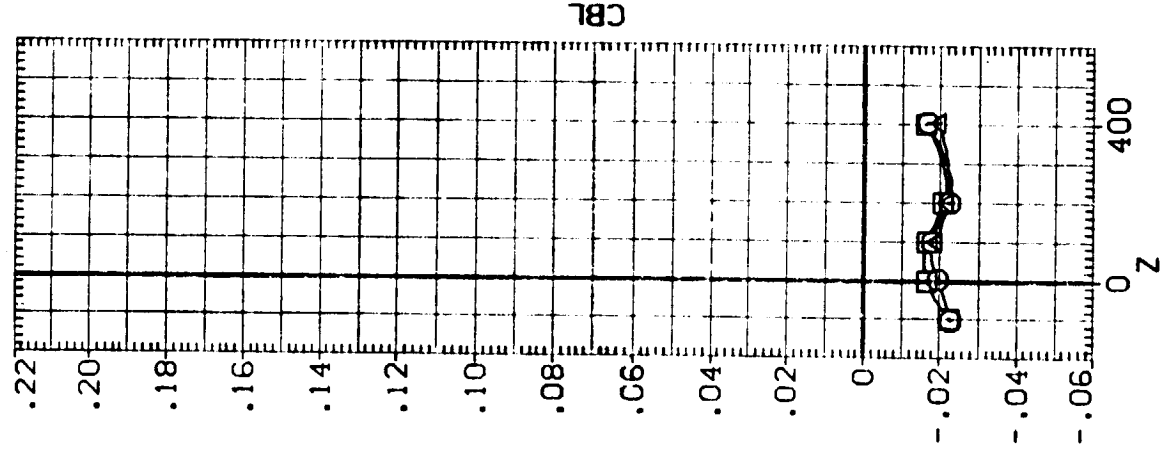
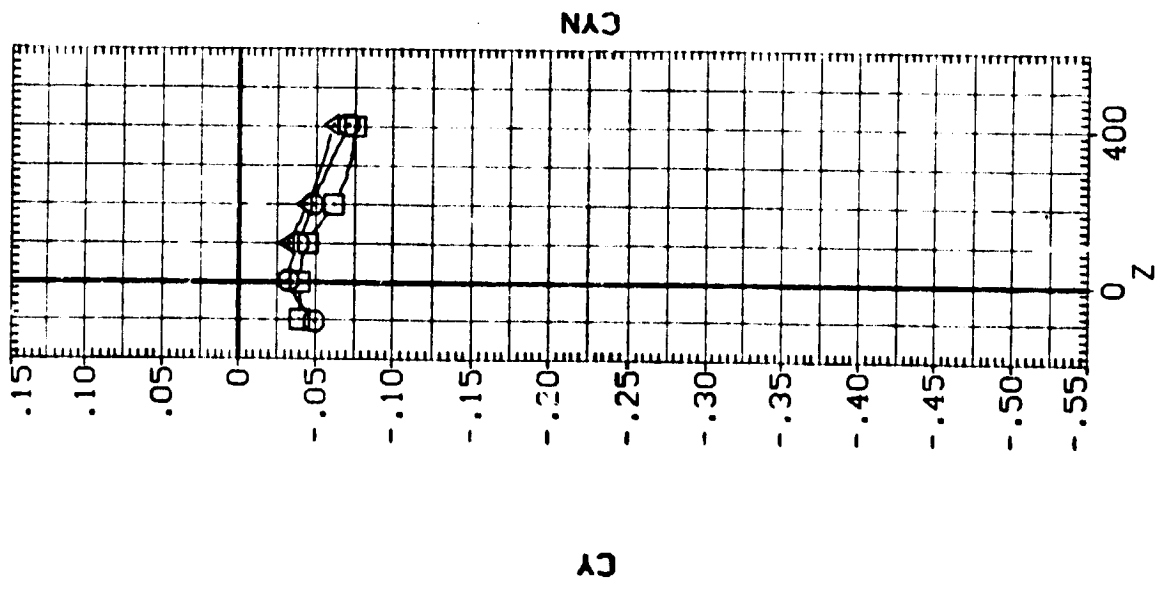


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-.5 BETA=10.9)

(B)Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU137)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	SEPAR. FROM O/ET	.200	.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATU140)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU141)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	SEPAR. FROM O/ET	-4.900	.000	.000	4.520	BREF 1290.3000 INCHES
								YMRP 1258.5000 IN. XS
								ZMRP 400.0000 IN. YS
								SCALE .0100

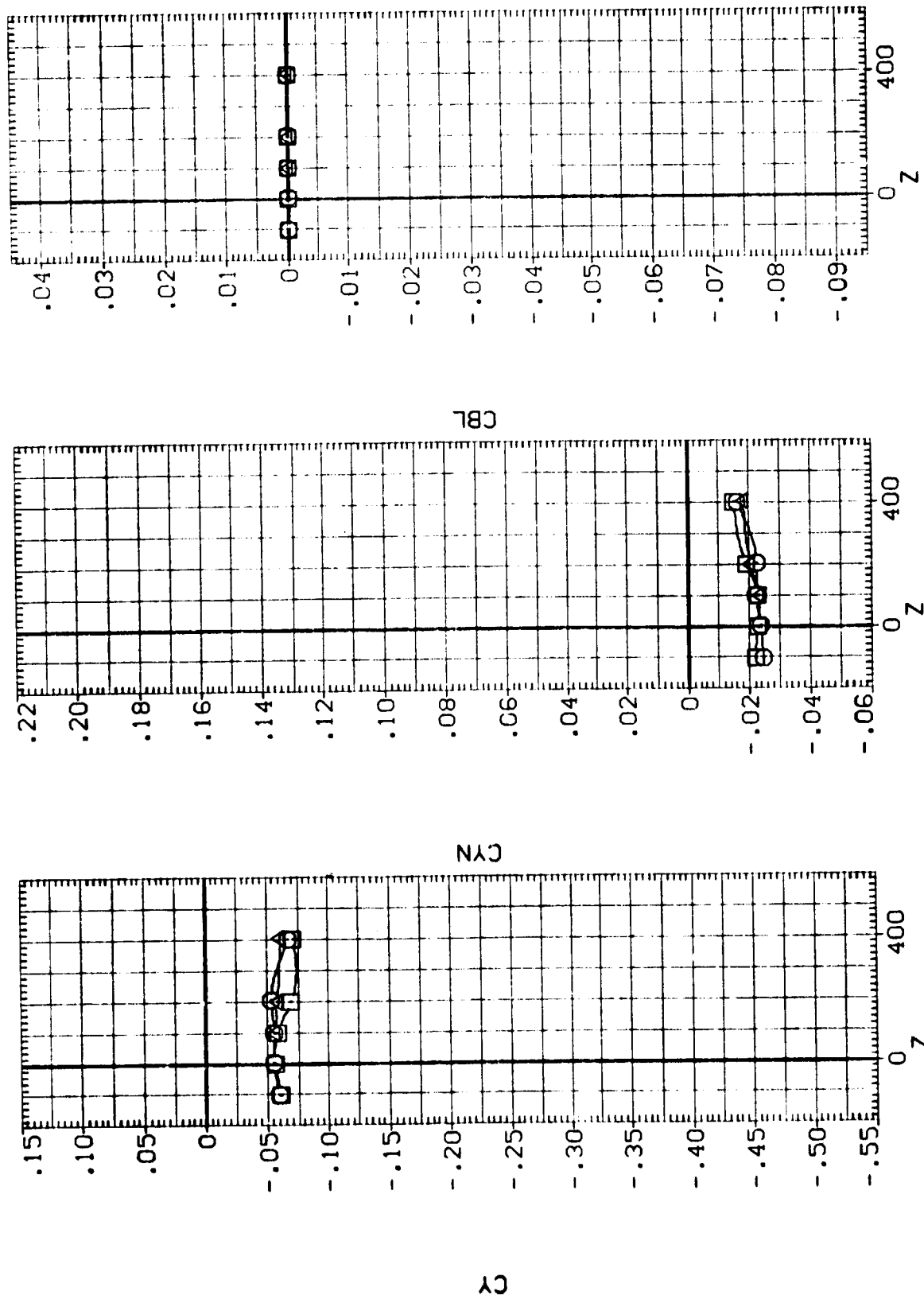


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(CY) --200.00

DATA SET SYMBOL

CONFIGURATION DESCRIPTION

SRB SEPAR. FROM O/EET

DALPHA

DBETA

X

MACH

REFERENCE INFO

ION  
SQ. FT.  
INCHES  
IN. XS  
IN. YS  
IN. ZS  
SCALE

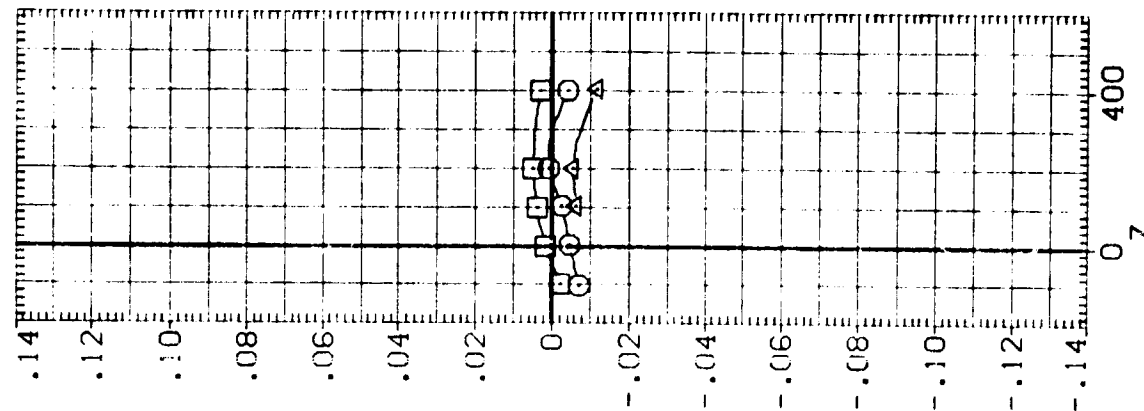
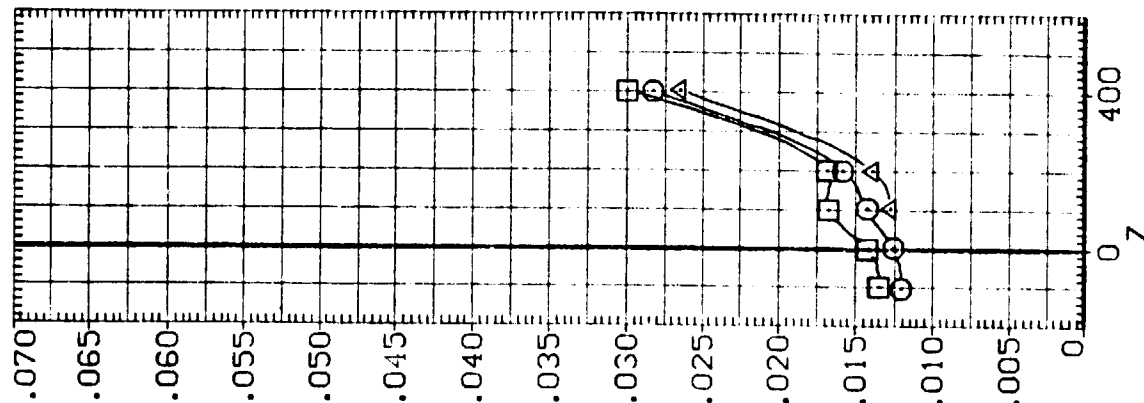
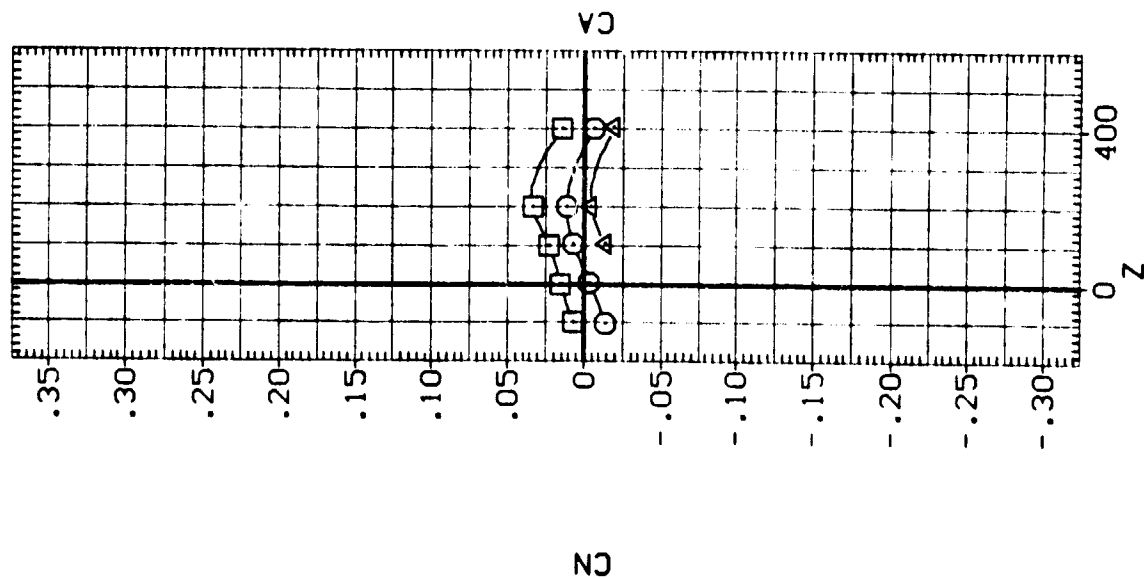


FIG 15 LEFT SRB AERO CHARACTER, SEPARATING FROM O/EET (ALPHA=-.5 BETA=10.9)

(A)Y = -40.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI38)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB	.200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI39)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI42)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB	-4.900	.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

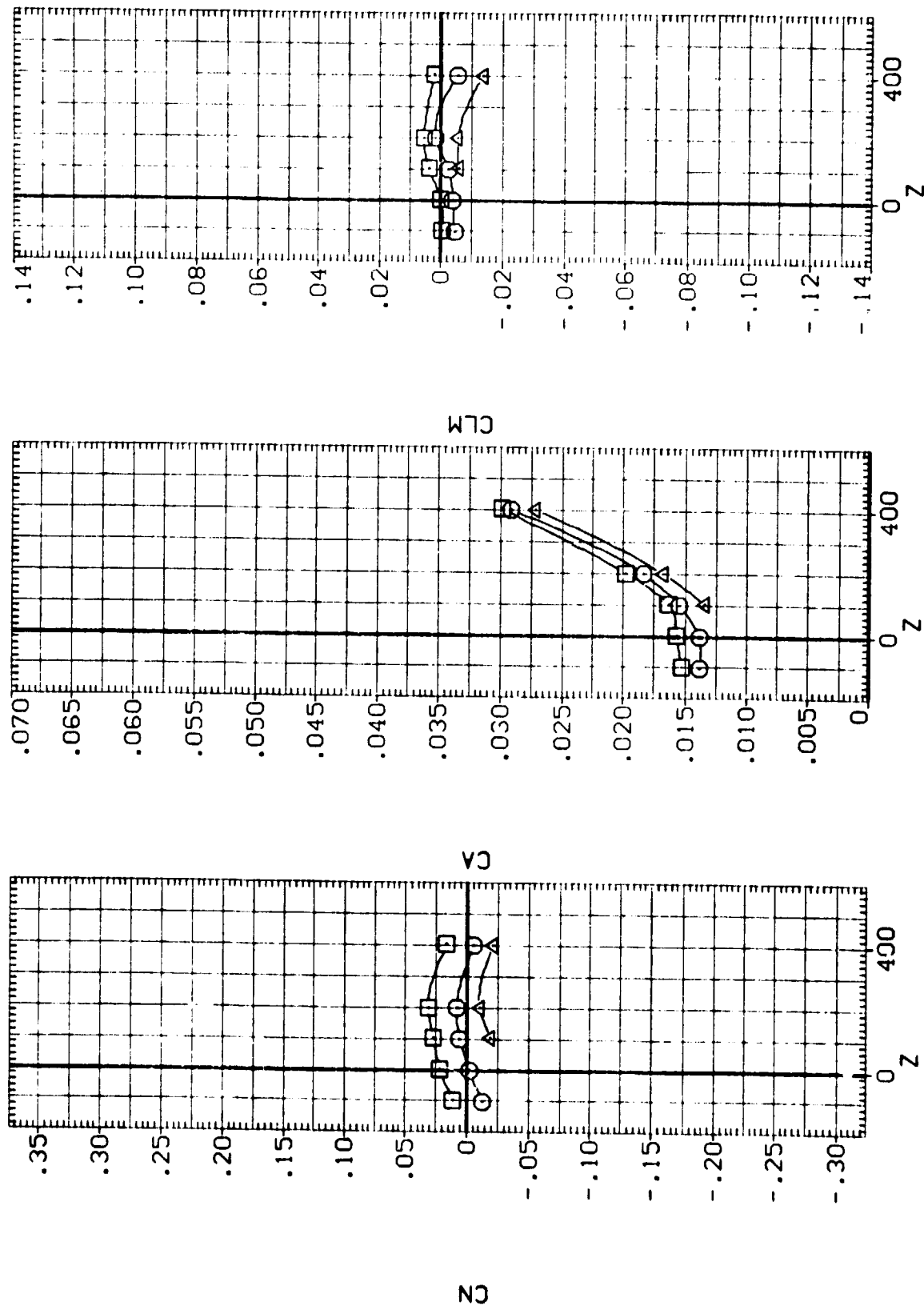


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(B)Y = -100.00



**DATA SET SYMBOL**

( ATUI 38 )  
( ATUI 39 )  
( ATUI 42 )

CONFIGURATION	DESCRIPTION
1	...
2	...
3	...
4	...
5	...
6	...
7	...
8	...
9	...
10	...
11	...
12	...
13	...
14	...
15	...
16	...
17	...
18	...
19	...
20	...
21	...
22	...
23	...
24	...
25	...
26	...
27	...
28	...
29	...
30	...
31	...
32	...
33	...
34	...
35	...
36	...
37	...
38	...
39	...
40	...
41	...
42	...
43	...
44	...
45	...
46	...
47	...
48	...
49	...
50	...
51	...
52	...
53	...
54	...
55	...
56	...
57	...
58	...
59	...
60	...
61	...
62	...
63	...
64	...
65	...
66	...
67	...
68	...
69	...
70	...
71	...
72	...
73	...
74	...
75	...
76	...
77	...
78	...
79	...
80	...
81	...
82	...
83	...
84	...
85	...
86	...
87	...
88	...
89	...
90	...
91	...
92	...
93	...
94	...
95	...
96	...
97	...
98	...
99	...
100	...

WEDC/VA528(1A87)-01ETISI-L/H  
WEDC/VA528(1A87)-01ETISI-L/H  
WEDC/VA528(1A87)-01ETISI-L/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALE: 1A

5.200  
5.200  
-4.900

DE

000  
000  
000

x

000.000.000

MAC-4

4.52  
4.52  
4.52

138

KE  
SREF  
LREF  
BREF

END

2690  
1290  
1290

1

0000

	REFERENCE INFORMATION
SREF	2690.0000 SQ.FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1258.5000 IN. XS
YMRP	.0000 IN. YS
ZMRP	400.0000 IN. ZS
SCALE	.0100

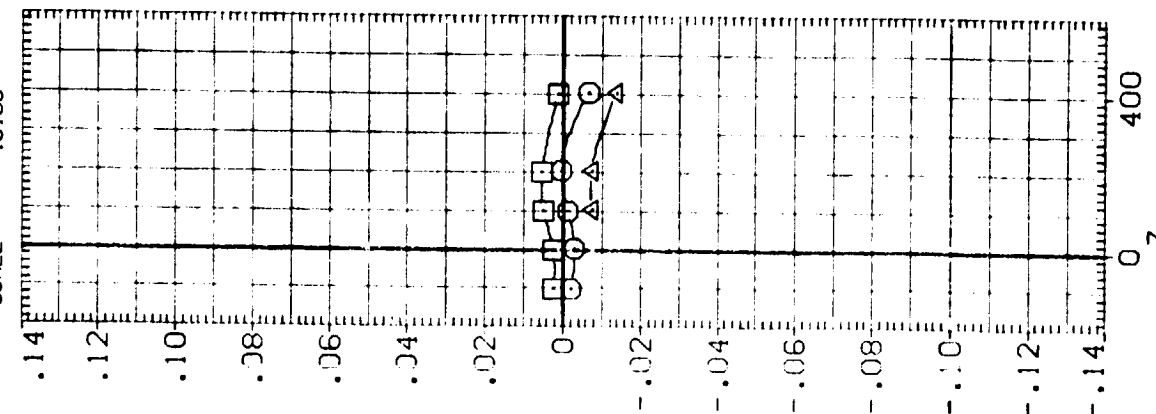
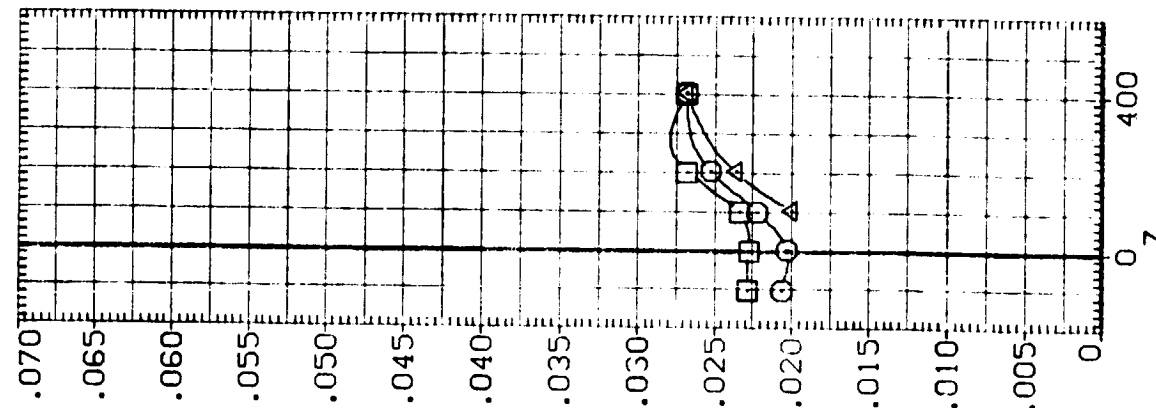
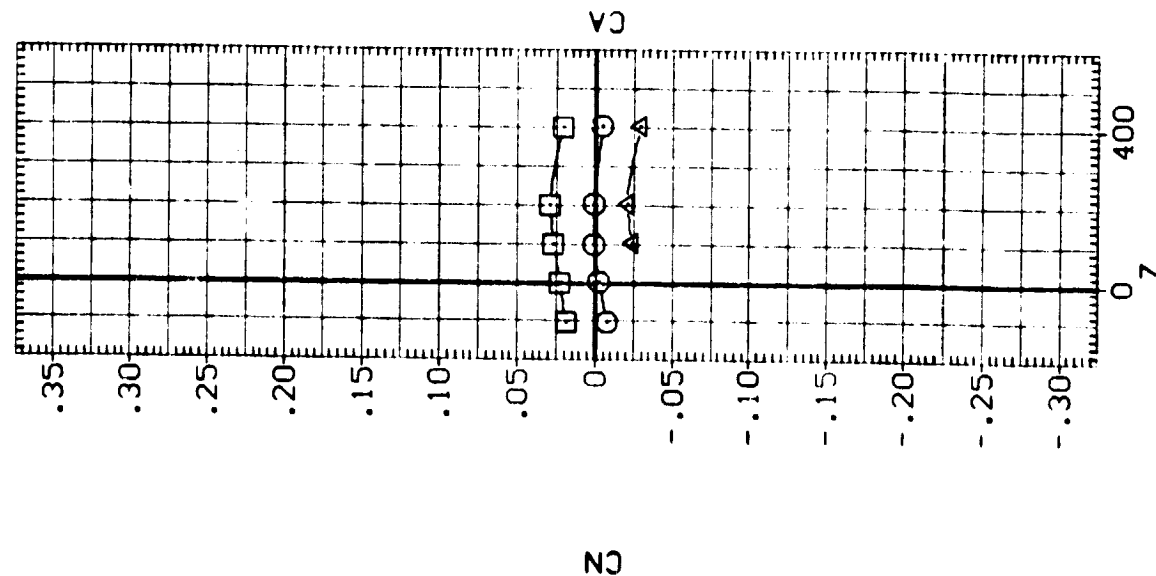


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(C)Y = -200.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATUI38)  
(ATUI39)  
(ATUI42)



AEDC/VAS28(1A87)-01ETISI-L/H  
AEDC/VAS28(1A87)-01ETISI-L/H  
AEDC/VAS28(1A87)-01ETISI-L/H

SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET

DALPHA DBETA X

300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

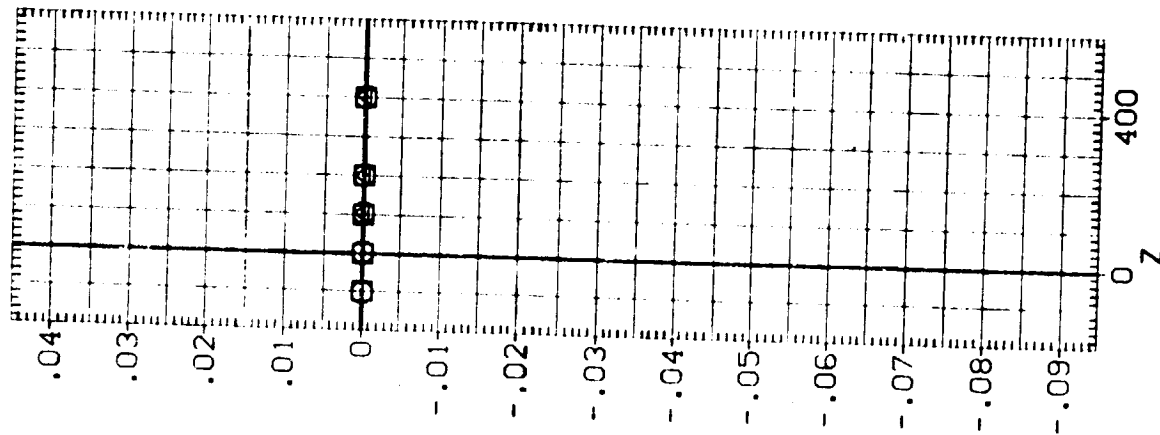
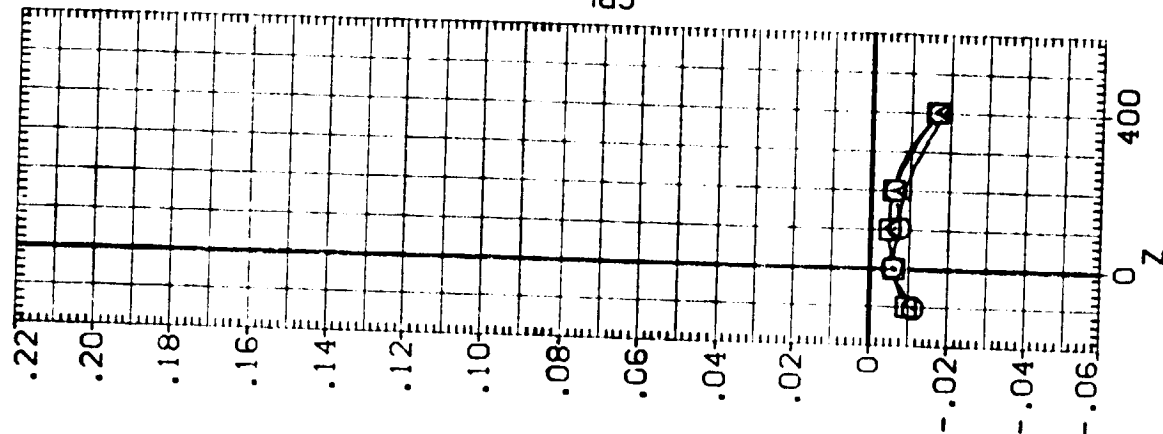
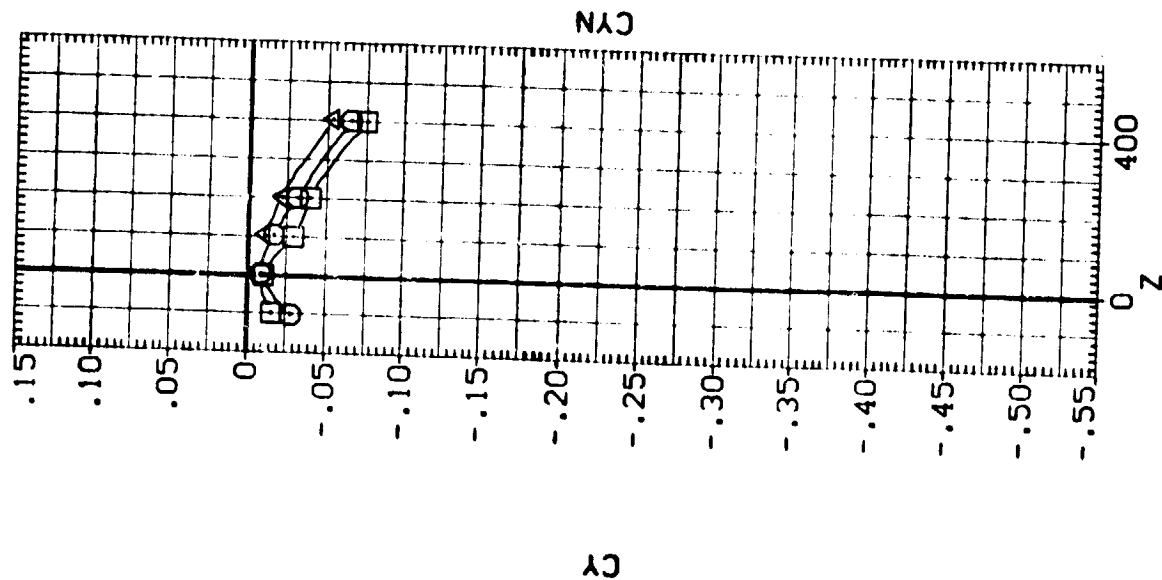


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-.5 BETA=10.9)  
(A)Y = -40.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	ALPHA	DBETA	X	MACH	REFERENCE INFO	ION
(ATU138)	AEDC/VAS28(IAB7)-O1ET:SI-L/H	SRB	.200	.000	300.000	4.520	SREF 2650.0000	30. FT.
(ATU139)	AEDC/VAS28(IAB7)-O1ET:SI-L/H	SRB	5.200	.000	300.000	4.520	LREF 1250.3000	INCHES
(ATU142)	AEDC/VAS28(IAB7)-O1ET:SI-L/H	SRB	-4.900	.000	300.000	4.520	BREF 1250.3000	INCHES
							XMRP 1256.5000	IN. XS
							YMRP .0000	IN. YS
							ZMRP 400.0000	IN. ZS
							SCALE .0100	

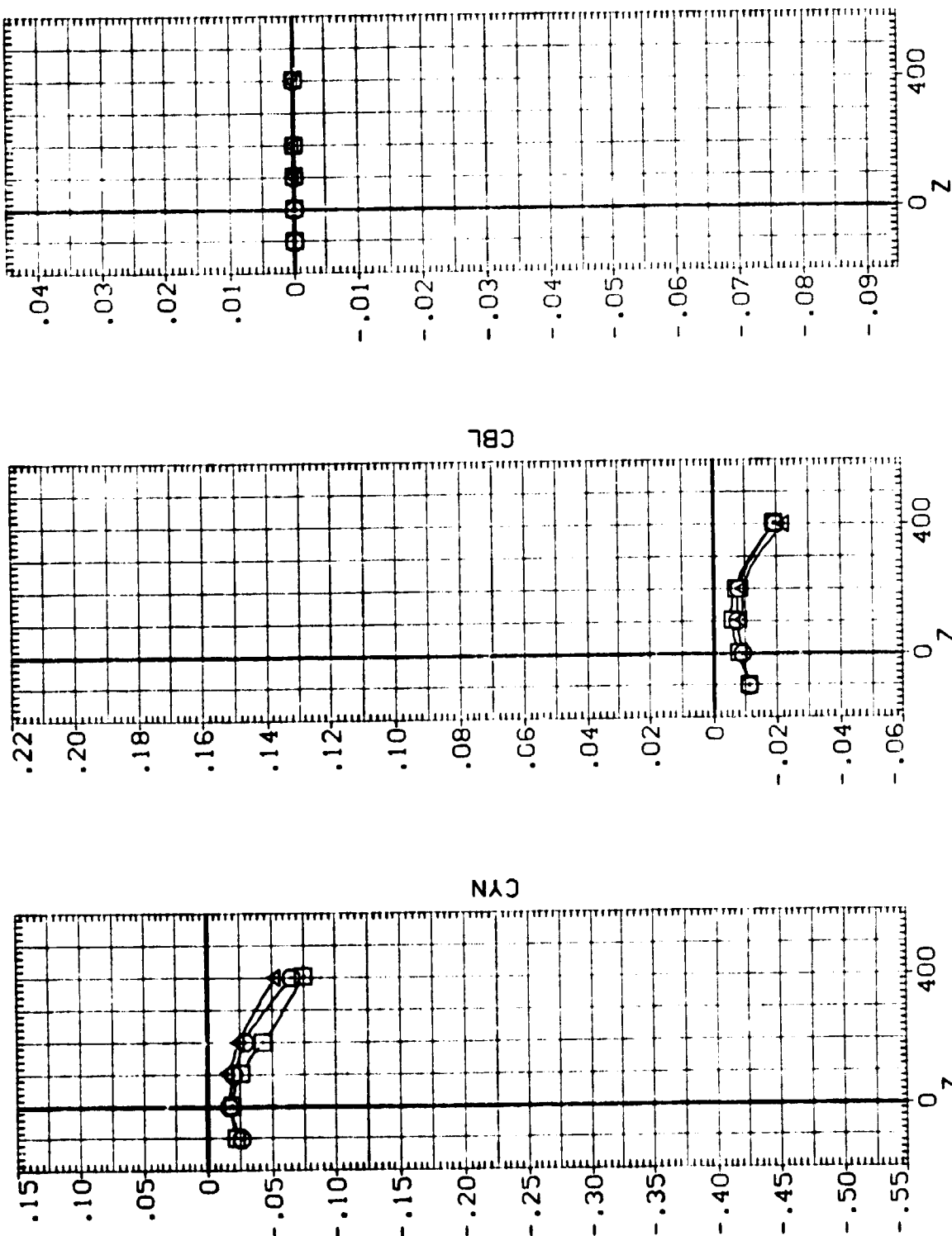


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(B)Y =-100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI38)	AEDC/VA528(1A87)-O1ETISI-L/H	SRB SEPAR. FROM O/ET	.200	.000	300.000	4.520	SRF 2690.0000 SO.FT.
(ATUI39)	AEDC/VA528(1A87)-O1ETISI-L/H	SRB SEPAR. FROM O/ET	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI42)	AEDC/VA528(1A87)-O1ETISI-L/H	SRB SEPAR. FROM O/ET	-4.900	.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

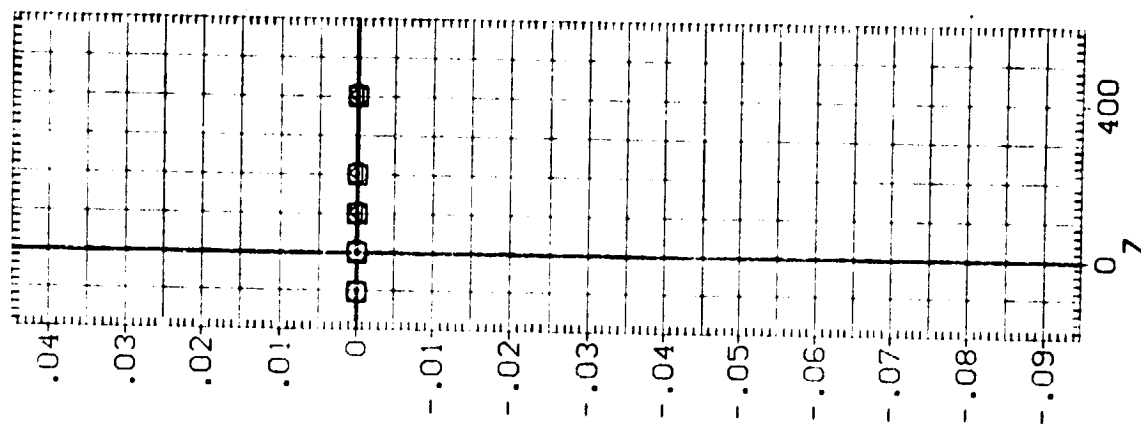
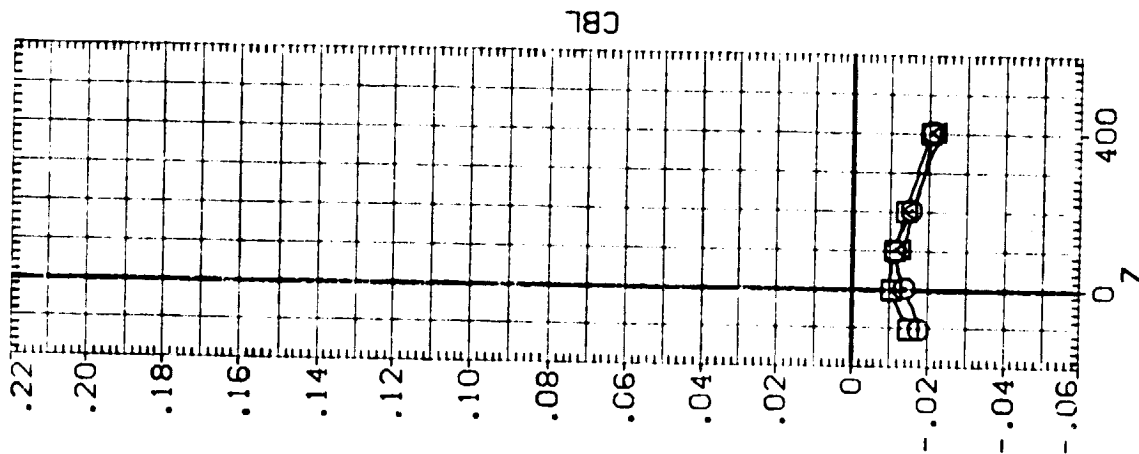
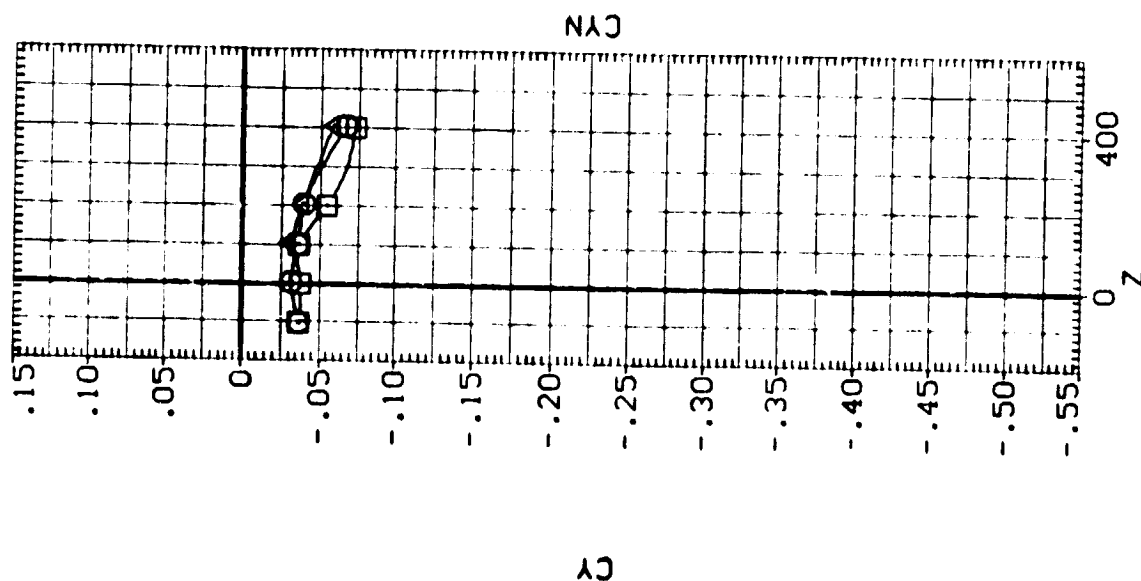


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(C)Y =-200.00

DATA SET SYMBOL: (ATU143) (ATU146) (ATU147)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ET1S1-L/H SRB AEDC/VAS28(1A87)-01ET1S1-L/H SRB AEDC/VAS28(1A87)-01ET1S1-L/H SRB

REFERENCE INFO: SREF 2690.0000 SO.FT. 110N LREF 1290.3000 INCHES BREF 1290.3000 INCHES XMRP 1258.5000 IN. XS YMRP .0000 IN. YS ZMRP 400.0000 IN. ZS SCALE .0100

MACH: 4.520 .000 4.520 .000 4.520 .000

DALPHA: .200 4.000 .200 4.000 5.200 4.000

SEPAR. FROM O/ET: SRB SEPAR. FROM O/ET: SRB SEPAR. FROM O/ET: SRB

X: .000 .000 .000

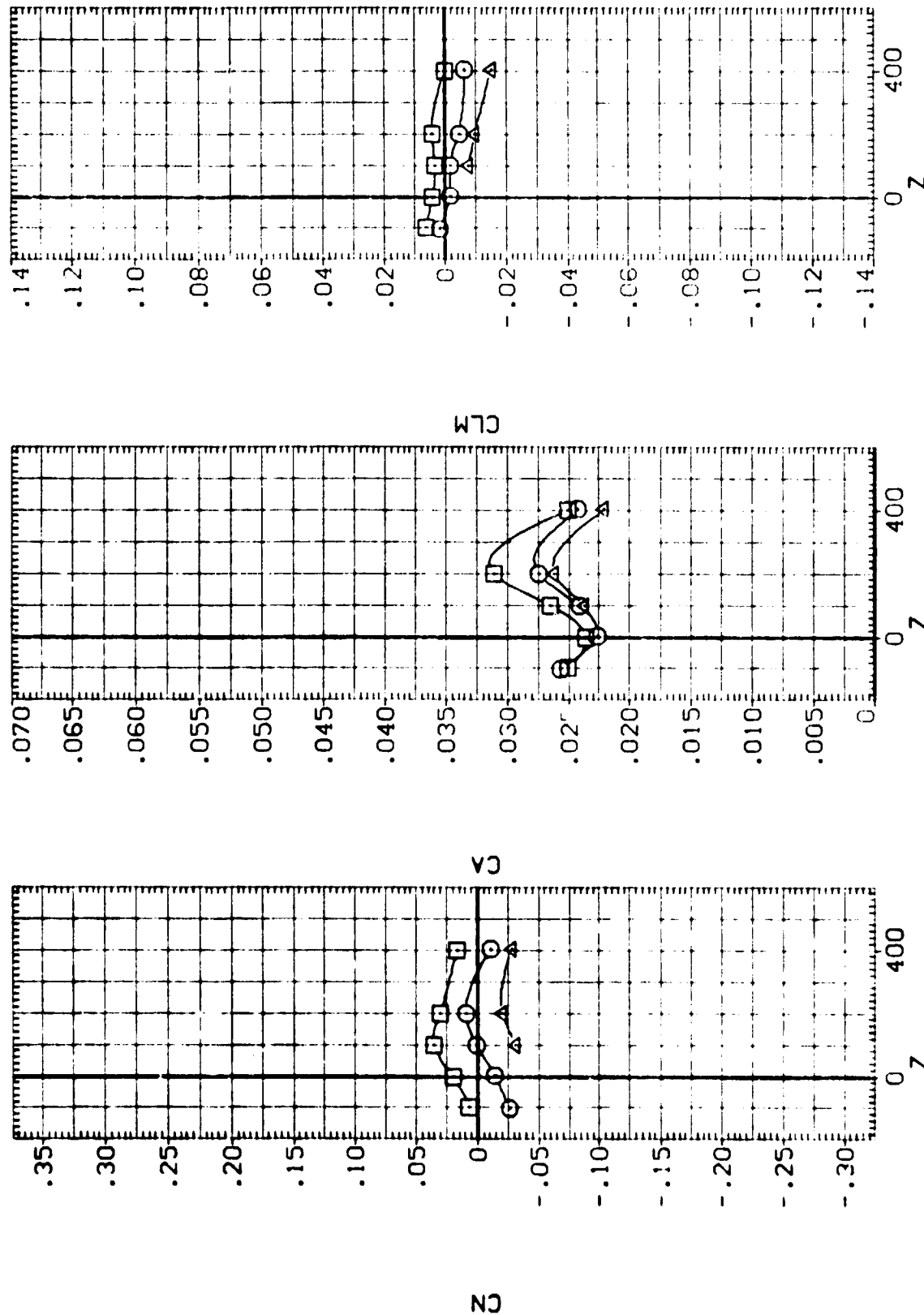


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(A)Y = -100.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		REFERENCE INFORMATION	
(ATU143)	AEDC/VAS28(1A87)-O1ETISI-L/H	SRB	SEPAR. FROM O/ET	MACH	4.520
(ATU146)	AEDC/VAS28(1A87)-O1ETISI-L/H	SRB	SEPAR. FROM O/ET	DBETA	4.000
(ATU147)	AEDC/VAS28(1A87)-O1ETISI-L/H	SRB	SEPAR. FROM O/ET	DALPHA	-4.900
				SRB	2690.0000
				LREF	1290.3000
				BREF	1290.3000
				YMRP	1258.5000
				ZMRP	400.0000
				SCALE	.0100

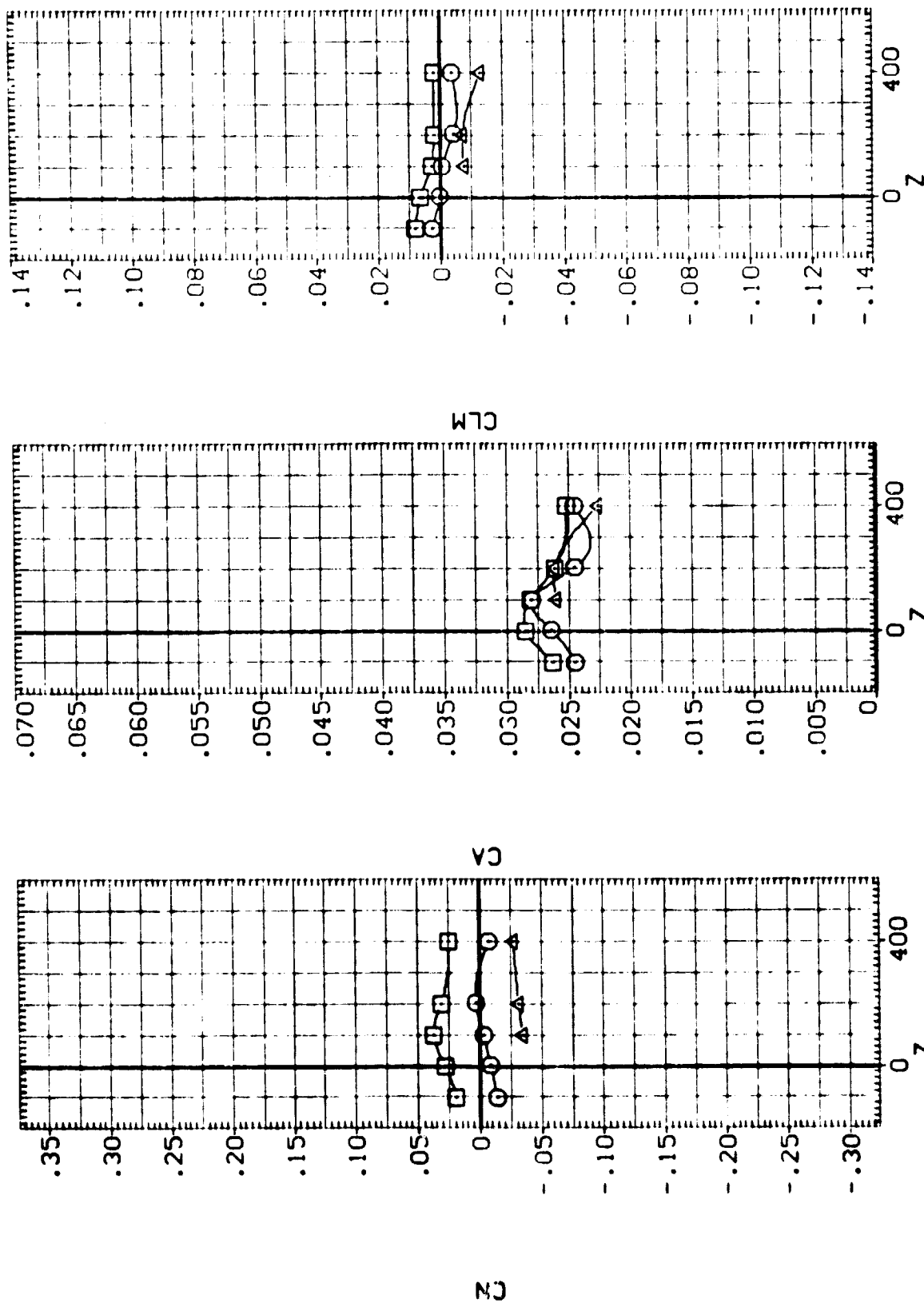


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(B)Y =-200.00



DATA SET SYMBOL

(ATU143)  
(ATU146)  
(ATU147)

CONFIGURATION DESCRIPTION

AEDC/VAS28(1A871)-01ET1S1-L/H  
AEDC/VAS28(1A871)-01ET1S1-L/H  
AEDC/VAS28(1A871)-01ET1S1-L/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
.200  
5.200  
-4.900

DBETA  
4.000  
4.000  
4.000

X  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ. FT.  
LREF 290.3000 INCHES  
BREF 1290.3000 INCHES  
YMRP 258.5000 IN. XS  
YMRP 0.0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

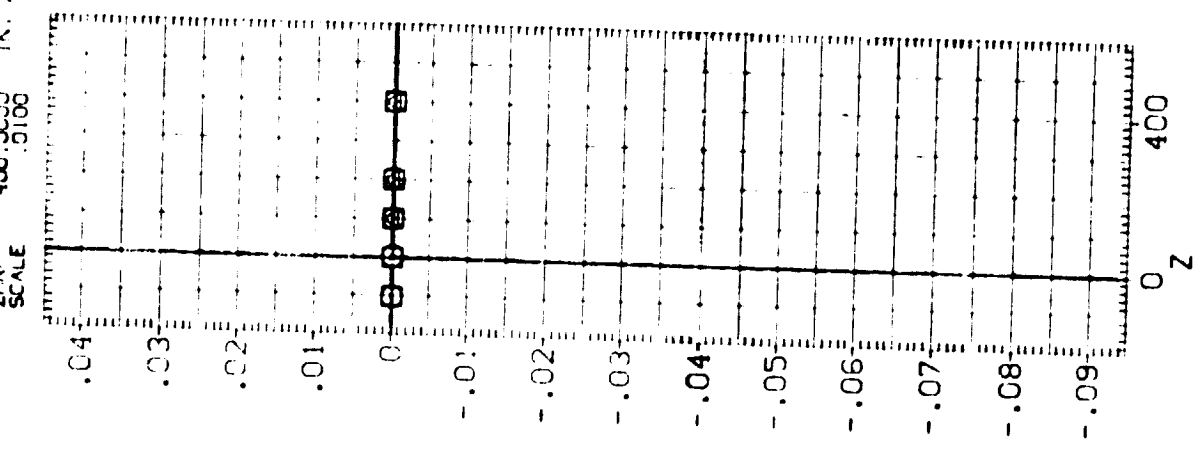
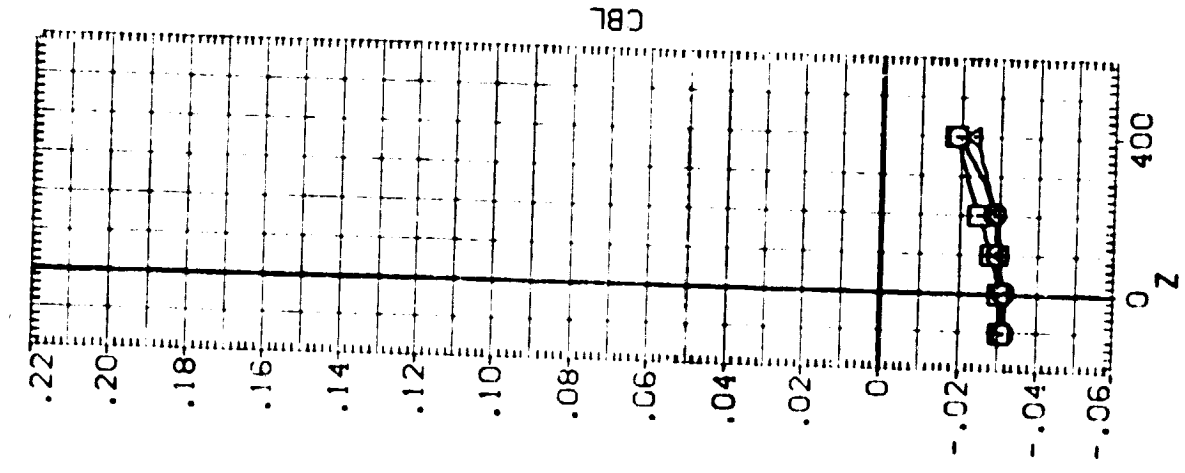
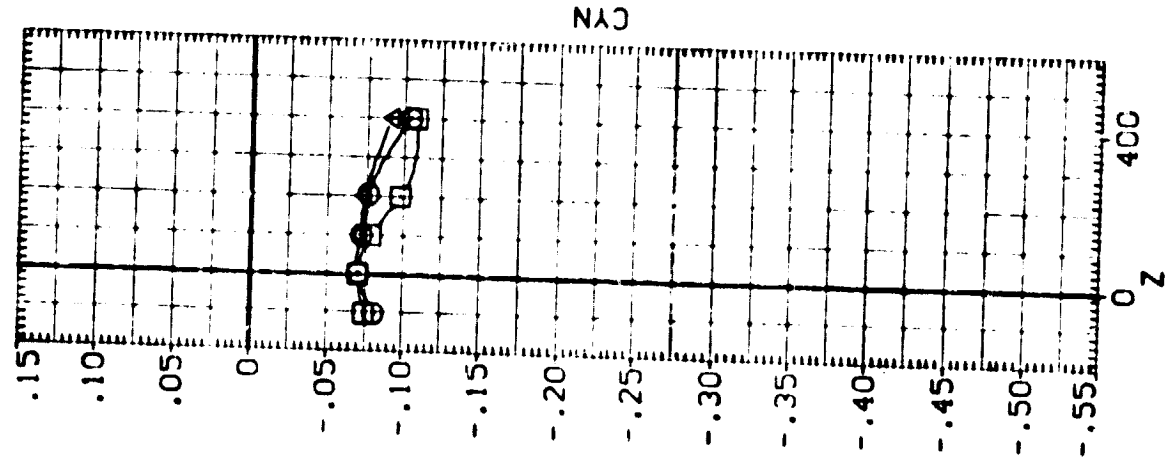


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)  
(B)Y --200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI44)	AEDC/VAS28(IAB7)-O1ET1SI-L/M	SRB	.200	4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI45)	AEDC/VAS28(IAB7)-O1ET1SI-L/M	SRB	5.200	4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI48)	AEDC/VAS28(IAB7)-O1ET1SI-L/M	SRB	-4.900	4.000	300.000	4.520	BREF 1290.3000 INCHES
							VMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

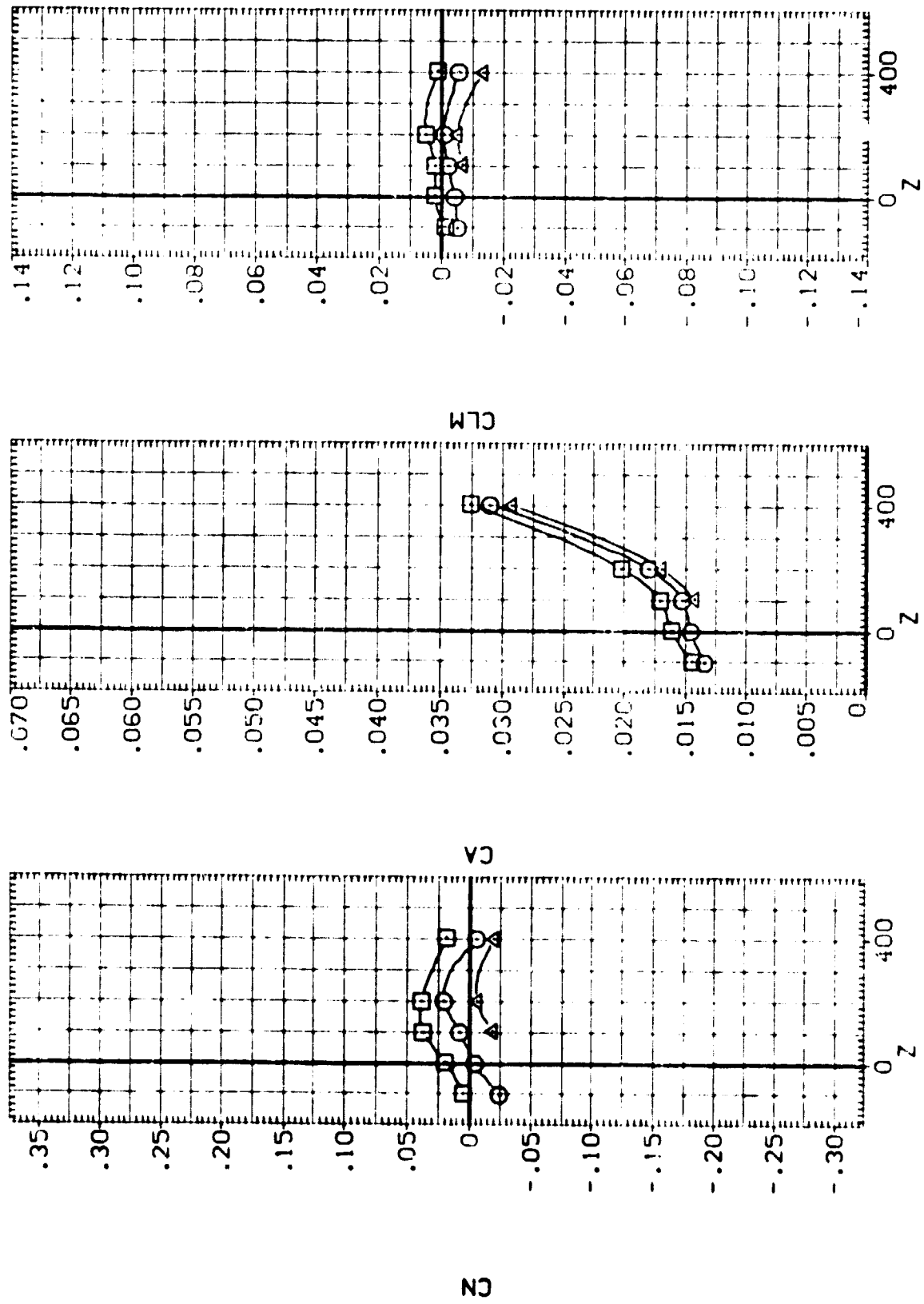


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(A)Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI44)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/E/T	.200	4.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATUI45)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/E/T	5.200	4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI48)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/E/T	-4.900	4.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP 400.0000 IN. YS
							SCALE .0100

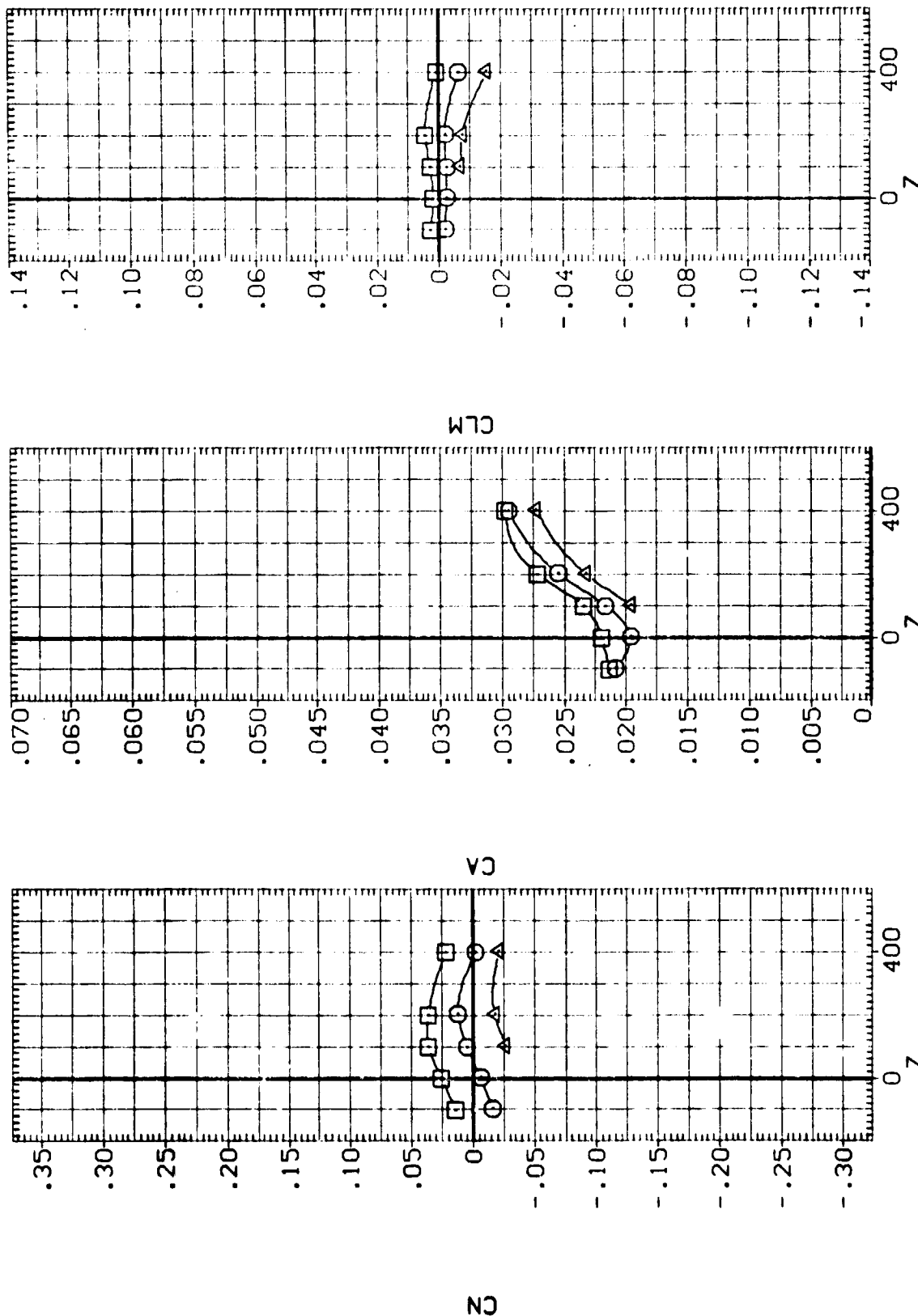


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=-5 BETA=10.9)

(B) Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFO	UNIT
(ATUI44)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB SEPAR. FROM O/ET	.200	4.000	300.000	4.520	SREF	2690.0000
(ATUI45)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB SEPAR. FROM O/ET	5.200	4.000	300.000	4.520	LREF	1290.3000
(ATUI48)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB SEPAR. FROM O/ET	-4.900	4.000	300.000	4.520	BREF	1290.3000
							YMRP	1258.5000
							ZMRP	400.0000
							SCALE	.0100
								IN. XS
								IN. YS
								IN. ZS

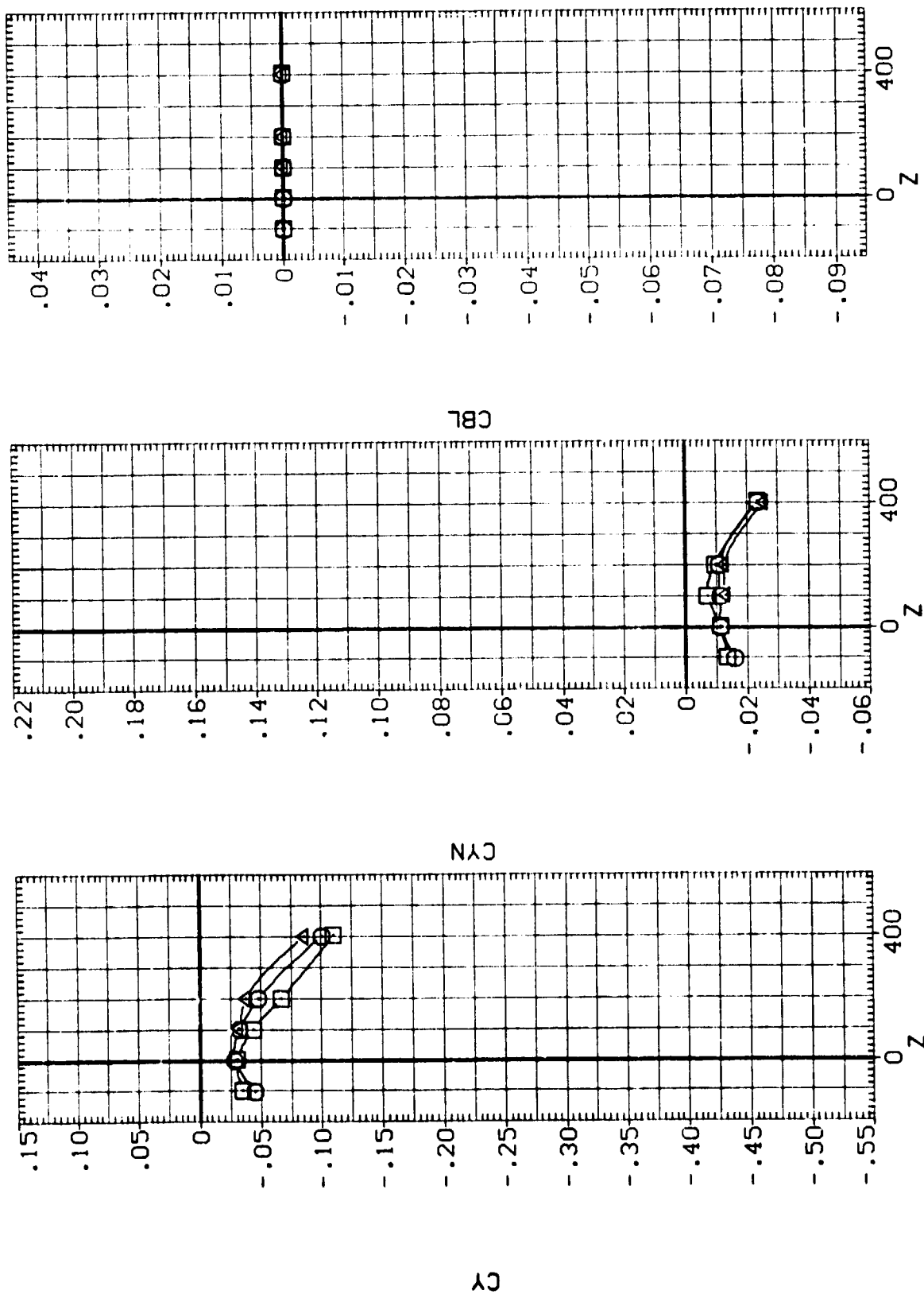


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(A)Y = -100.00



DATA SET SYMBOL	CONF IGURATION DESCRIPTION	SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU144)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	.200	4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU145)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	5.200	4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU148)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	-4.900	4.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

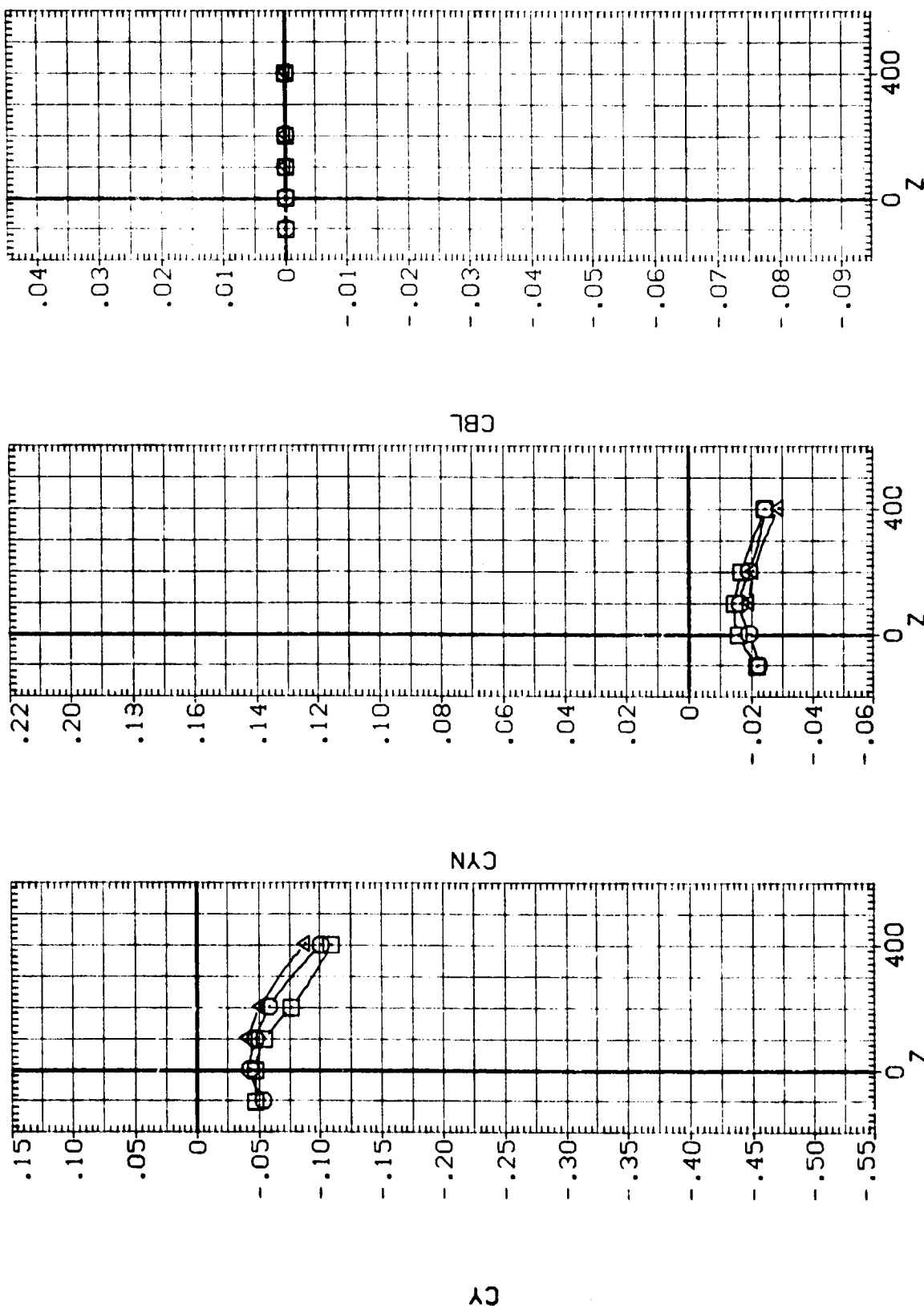


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-.5 BETA=10.9)

(B)Y =-200.00

PAGE

10

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU149) AEDC/VA528(1A87)-01ETIS1-L/H SRB SEPAR. FROM O/ET  
 (ATU152) AEDC/VA528(1A87)-01ETIS1-L/H SRB SEPAR. FROM O/ET  
 (ATU153) AEDC/VA528(1A87)-01ETIS1-L/H SRB SEPAR. FROM O/ET

ALPHA DBETA X MACH REFERENCE INFORMATION  
 .200 8.000 .000 4.520 SREF 2690.0000 SQ.FT.  
 5.200 8.000 .000 4.520 LREF 1290.3000 INCHES  
 -4.900 8.000 .000 4.520 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

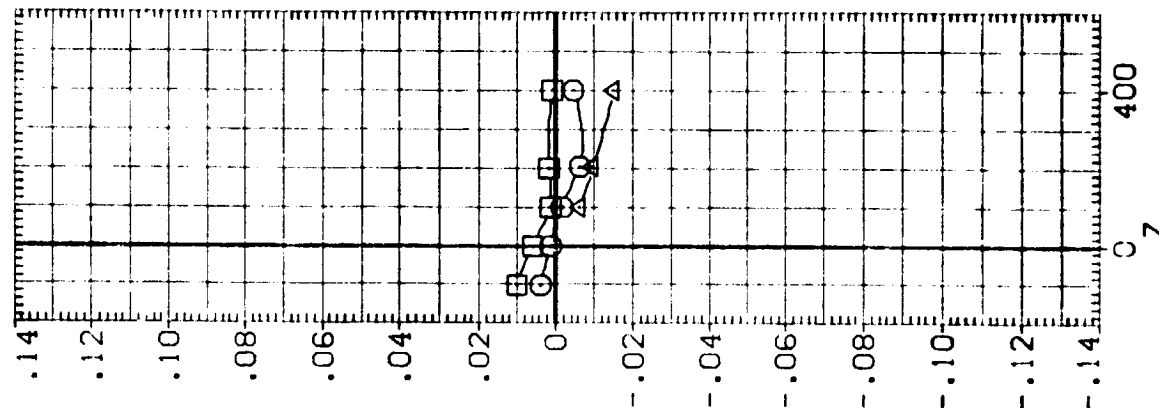
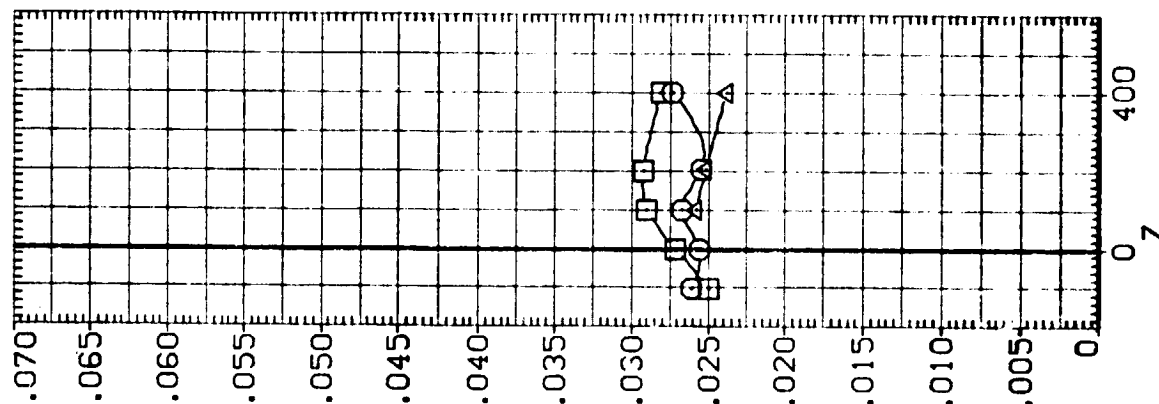
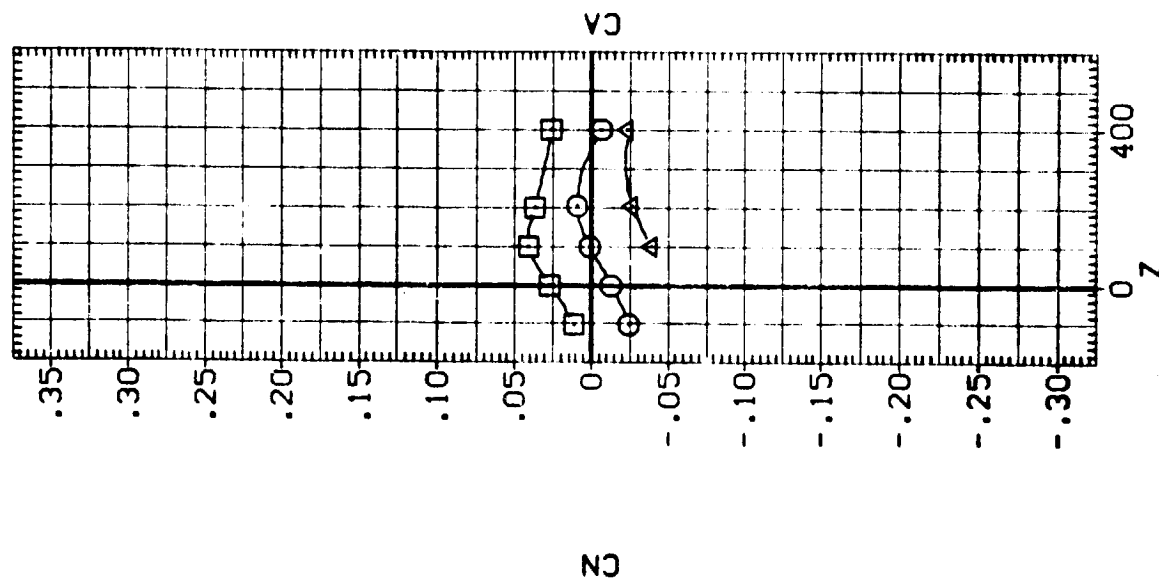


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(A)Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI49)	AEDC/VAS28(IAB7)-O1ETISI-L/H	SRB SEPAR. FROM O/ET	.200	8.000	.000	4.520	SREF 2680.0000 SO.FT.
(ATUI52)	AEDC/VAS28(IAB7)-O1ETISI-L/H	SRB SEPAR. FROM O/ET	5.200	8.000	.000	4.520	LREF 1250.3000 INCHES
(ATUI53)	AEDC/VAS28(IAB7)-O1ETISI-L/H	SRB SEPAR. FROM O/ET	-4.500	8.000	.000	4.520	BREF 1250.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

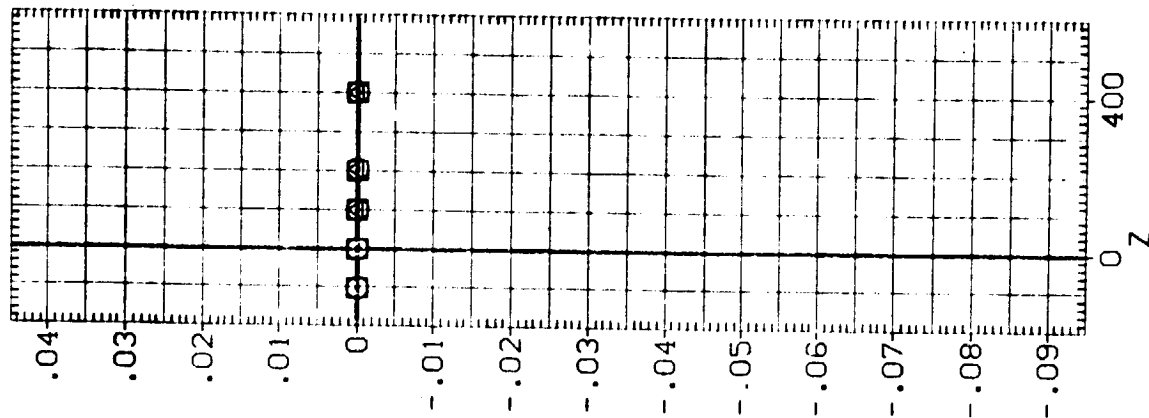
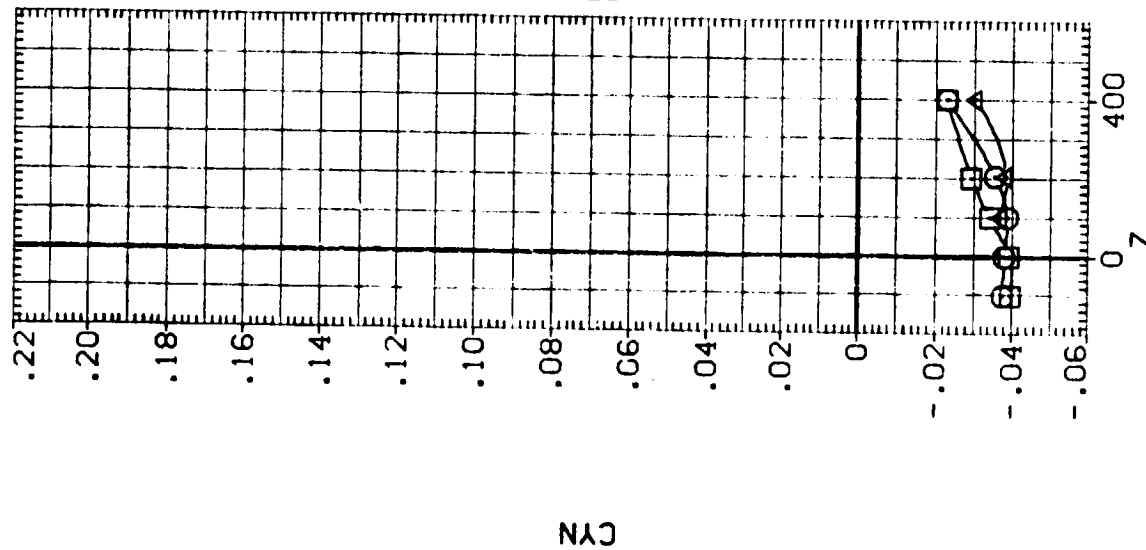
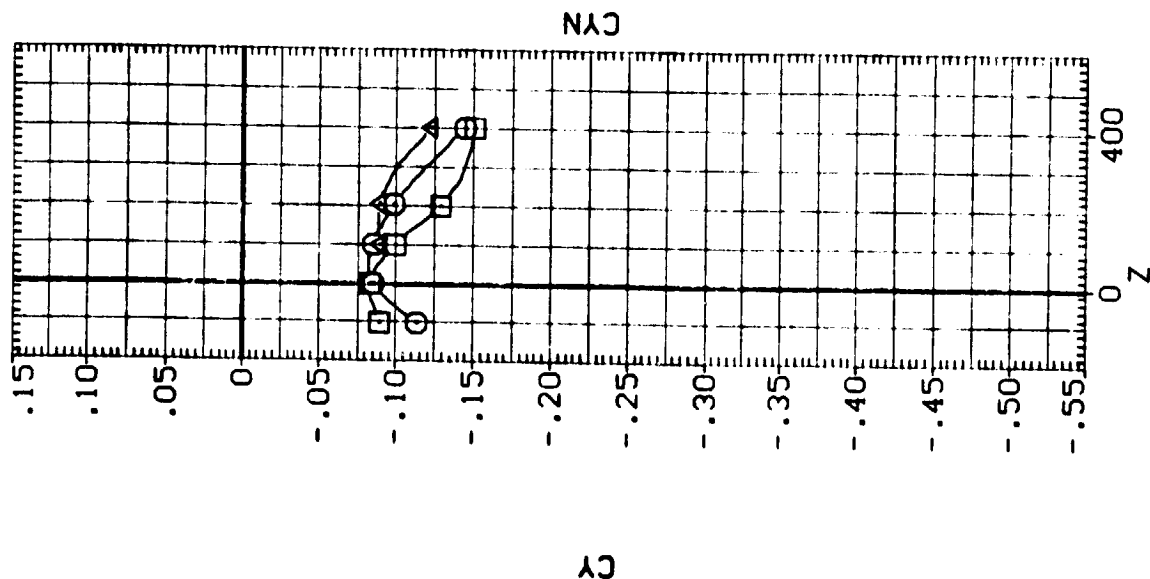


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(A) Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFO
(ATU150)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	.200	8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU151)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	5.200	8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU154)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	-4.900	8.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP .0000 IN. YS
							SCALE 400.0000 IN. ZS

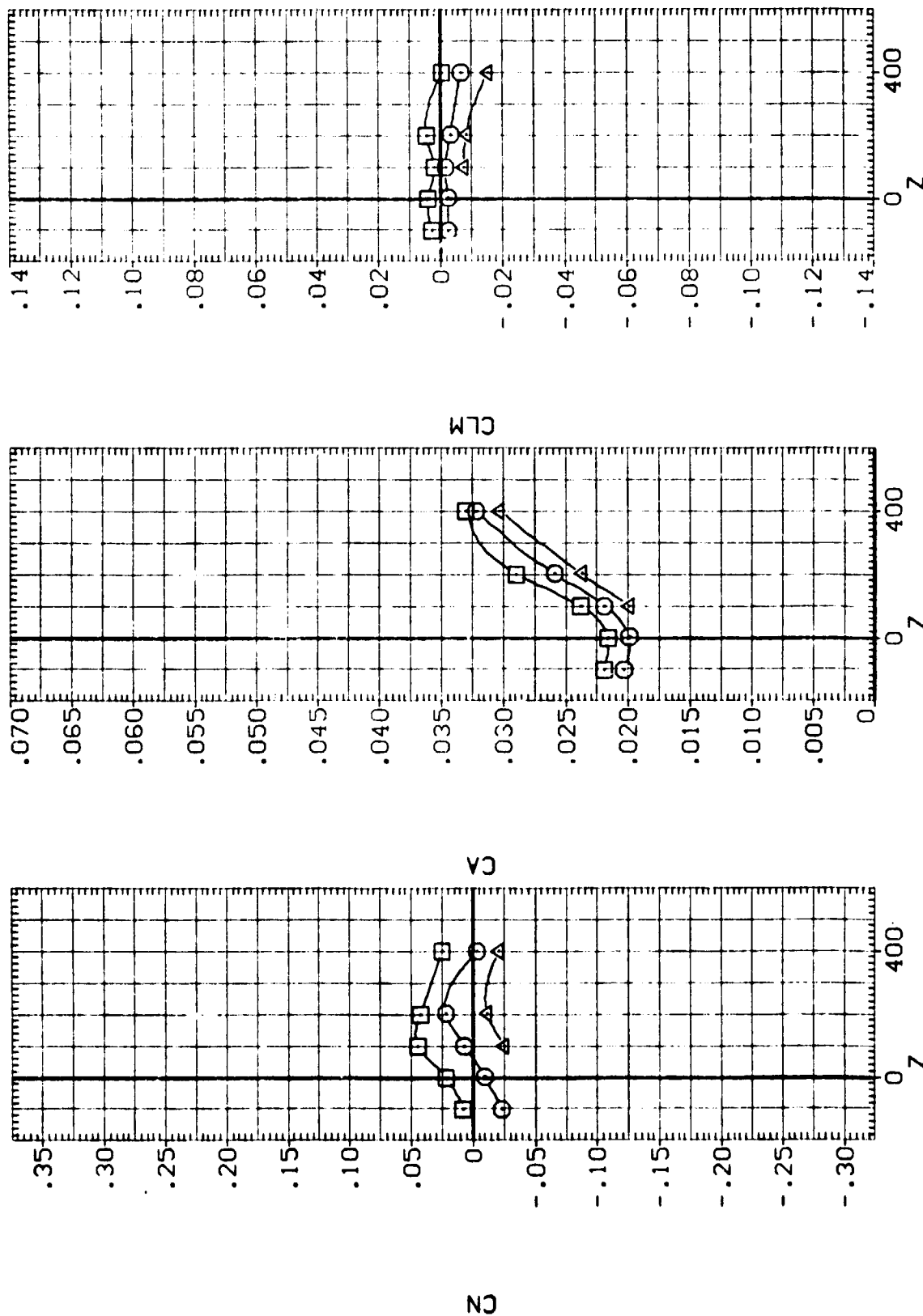


FIG 15 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=10.9)

(A)Y = -200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFO	ION
(ATUI73)	AEDC/VAS281(A87)-O1ET1S1-L/H	SRB SEPAR. FROM O/ET	.200	.000	.000	4.520	SREF	2690.0000 SQ.FT.
(ATUI76)	AEDC/VAS281(A87)-O1ET1S1-L/H	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF	1290.3000 INCHES
(ATUI77)	AEDC/VAS281(A87)-O1ET1S1-L/H	SRB SEPAR. FROM O/ET	-4.800	.000	.000	4.520	BREF	1290.3000 INCHES
							YMRP	1258.5000 IN. XS
							ZMRP	.0000 IN. YS
							SCALE	400.0000 IN. ZS

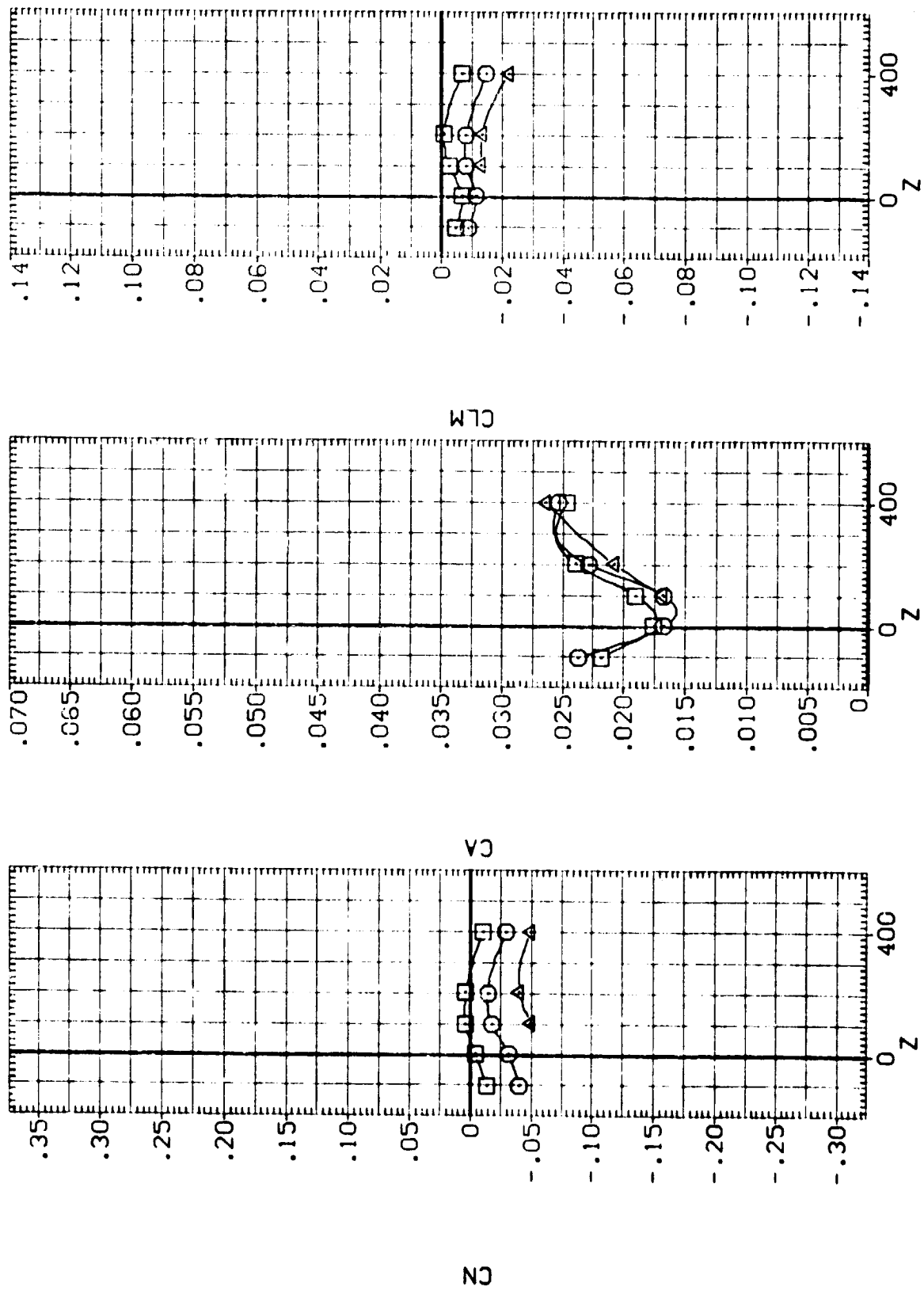


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(A)Y = -40.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI73)	AEDC/VAS28(1A87)-01ET	SRB SEPAR. FROM O/ET	.200	.000	.000	4.520	SREF 2650.0000 SO.FT.
(ATUI76)	AEDC/VAS28(1A87)-01ETIS	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1250.3000 INCHES
(ATUI77)	AEDC/VAS28(1A87)-01ETIS	SRB SEPAR. FROM O/ET	-4.800	.000	.000	4.520	BREF 1250.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

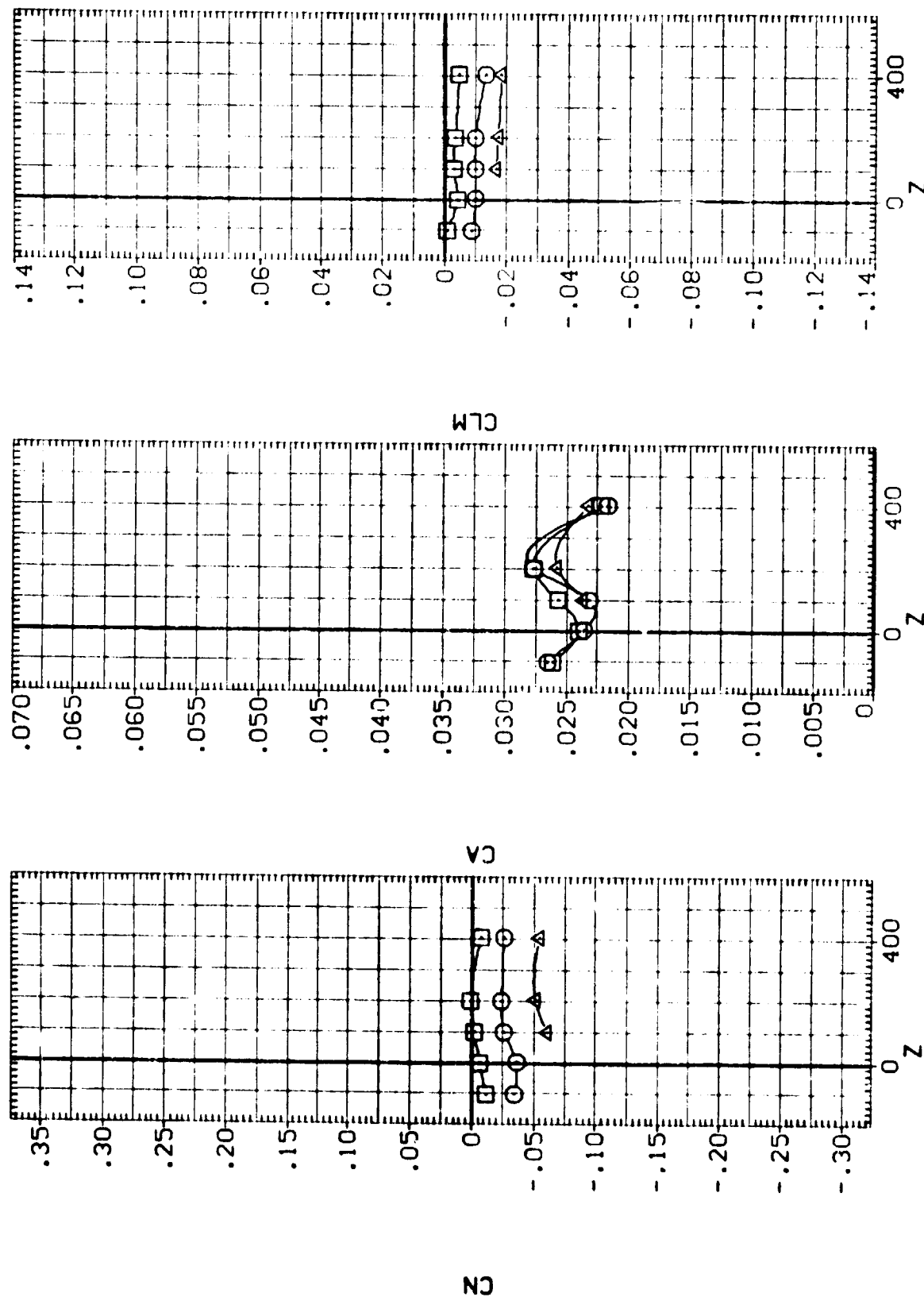


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(B)Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI73)	AEDC/VA528(1A87)-01ETIS1-L/H	.200	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATUI76)	AEDC/VA528(1A87)-01ETIS1-L/H	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI77)	AEDC/VA528(1A87)-01ETIS1-L/H	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

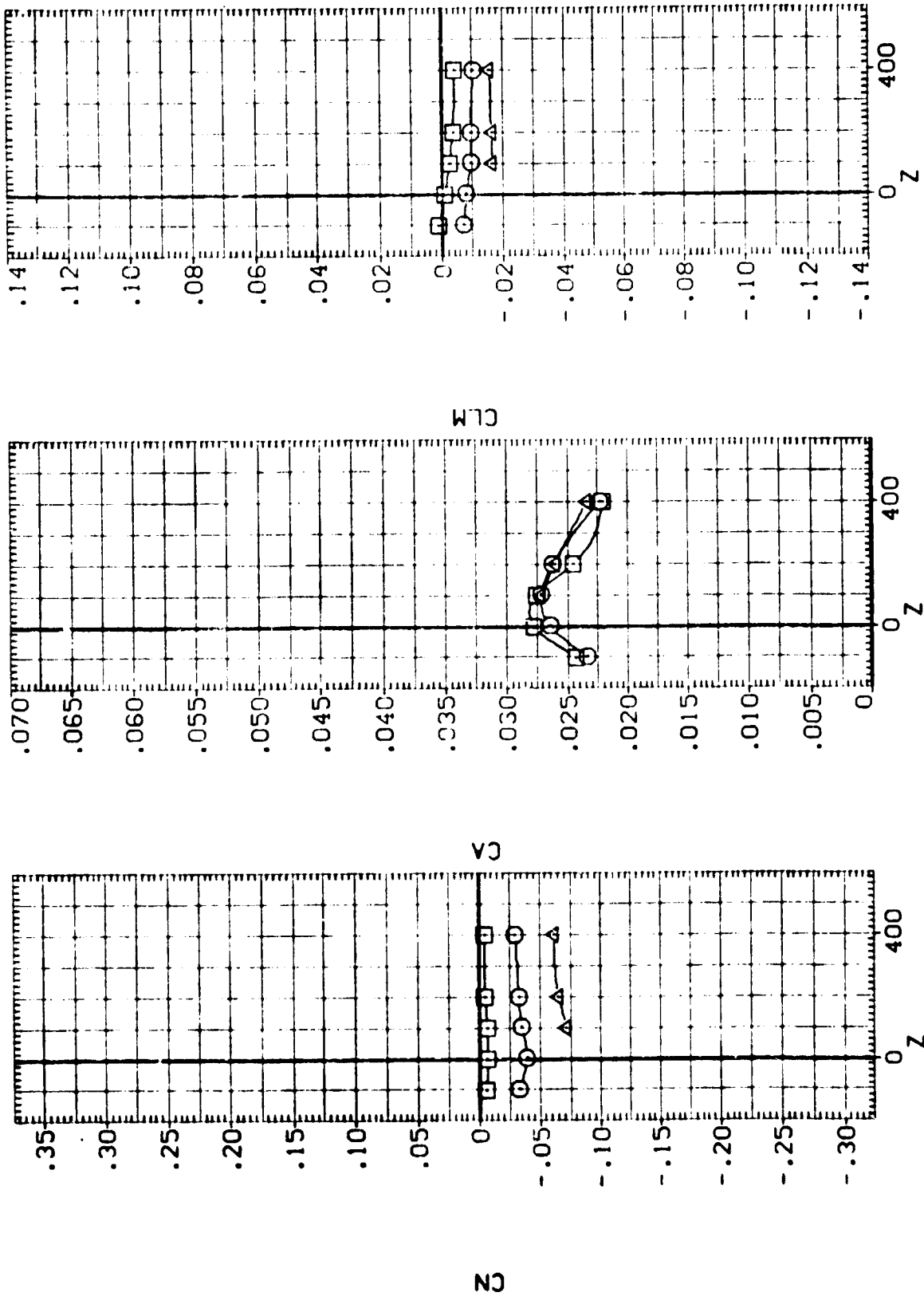


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(C)Y =-200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU173)	AEDC/VAS28(1A871-01ET)SI-L/H	SRB SEPAR. FROM 0/ET	.200	.000	.000	4.520	SREF 2630.0000 SO.FT.
(ATU176)	AEDC/VAS28(1A871-01ET)SI-L/H	SRB SEPAR. FROM 0/ET	5.200	.000	.000	4.520	LREF 1250.3000 INCHES
(ATU177)	AEDC/VAS28(1A871-01ET)SI-L/H	SRB SEPAR. FROM 0/ET	-4.800	.000	.000	4.520	BREF 1250.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

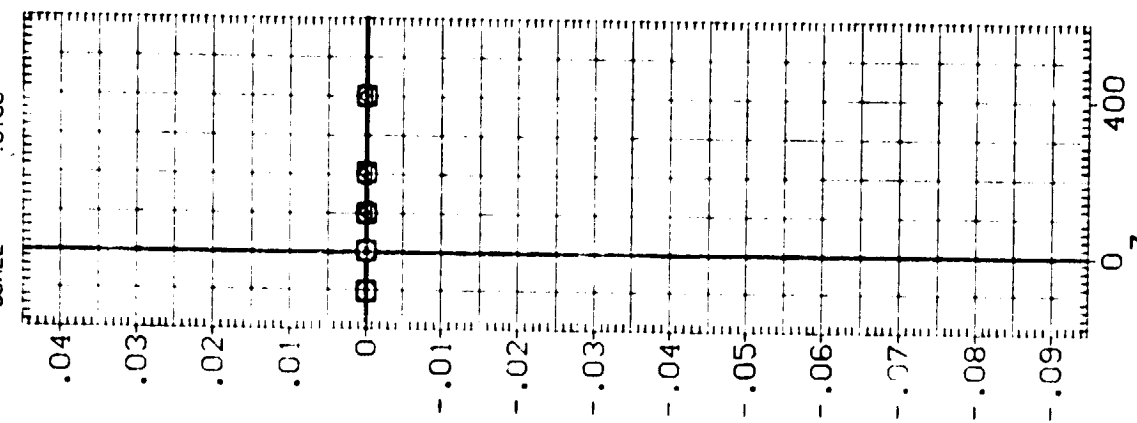
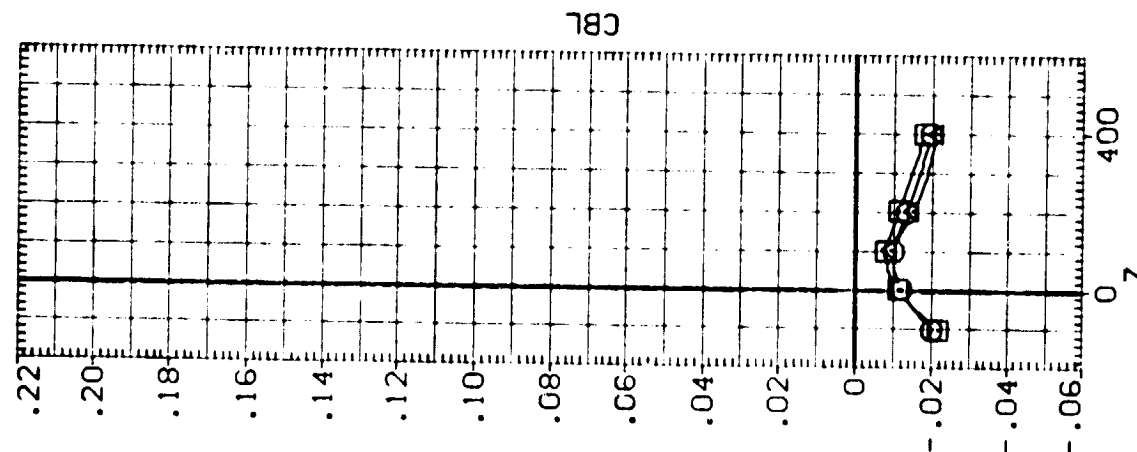
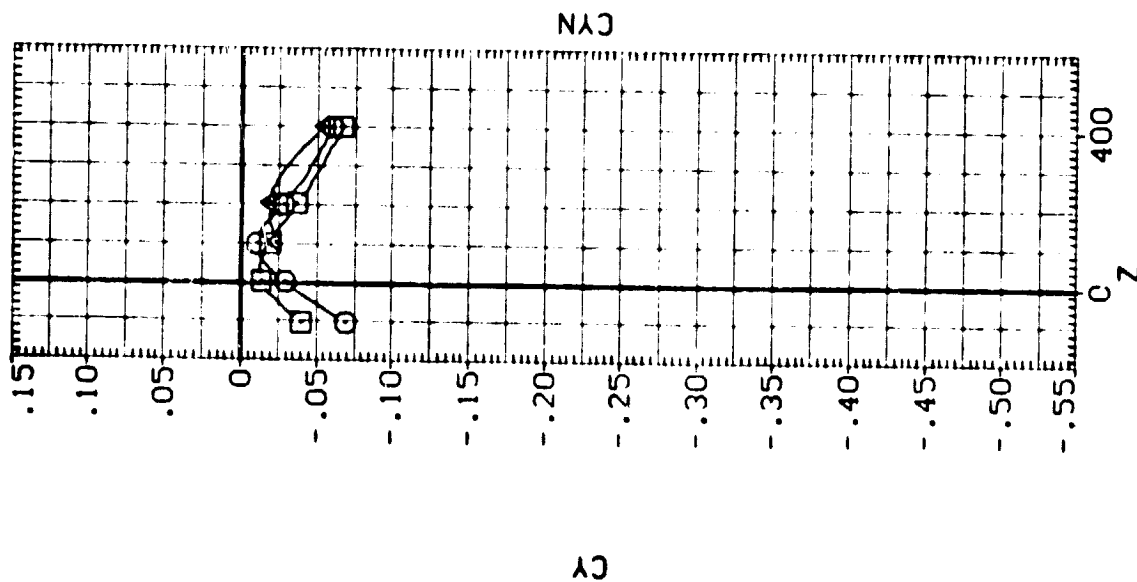


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-5.9 BETA=10.8)



(A) Y = -40.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATUI 73) AEDC/VAS281(A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET

(ATUI 76) AEDC/VAS281(A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET

(ATUI 77) AEDC/VAS281(A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET

—  

MACH X DBETA ALPHA

4.520 .000 .200

4.520 .000 5.200

4.520 .000 -4.800

REFERENCE INFORMATION

SREF 2650.0000 50. FT.

LREF 1250.3000 INCHES

BREF 1250.3000 INCHES

XMRP 1258.5000 IN. XS

YMRP .0000 IN. YS

ZMRP 400.0000 IN. ZS

SCALE .0:00

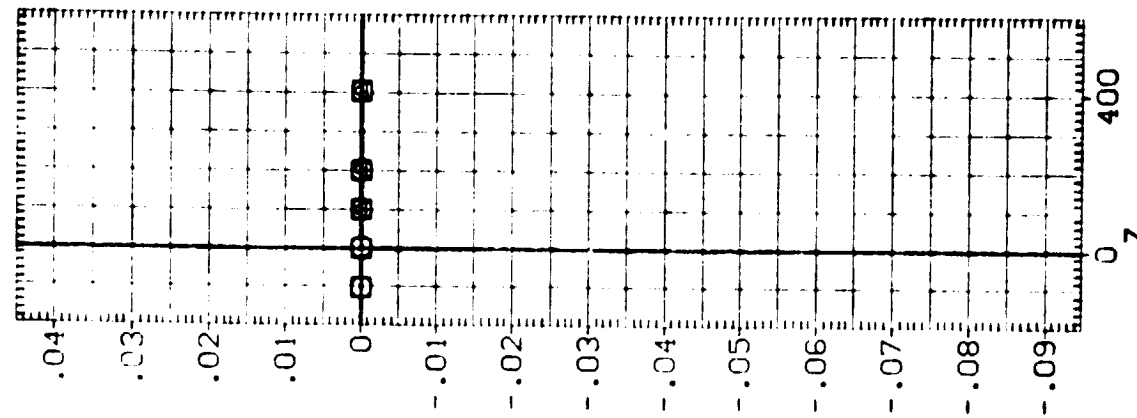
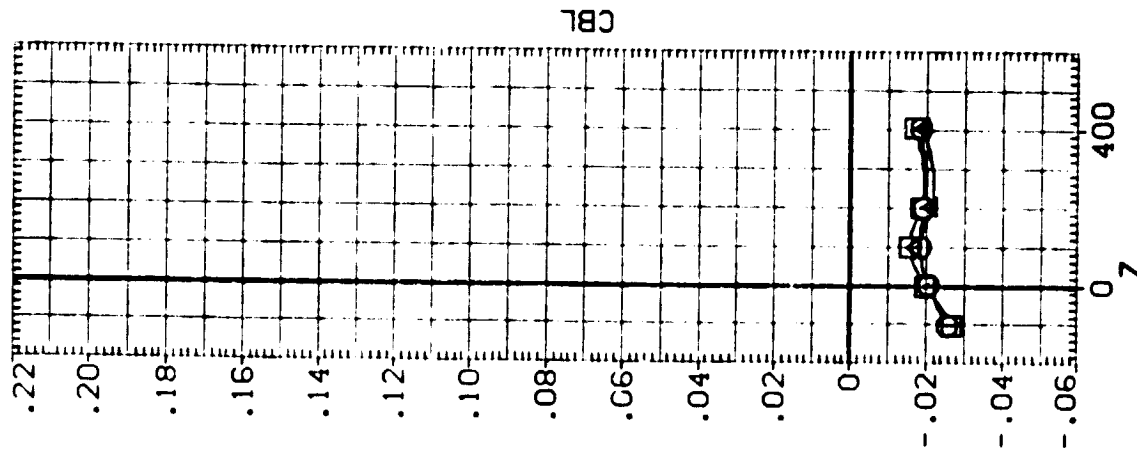
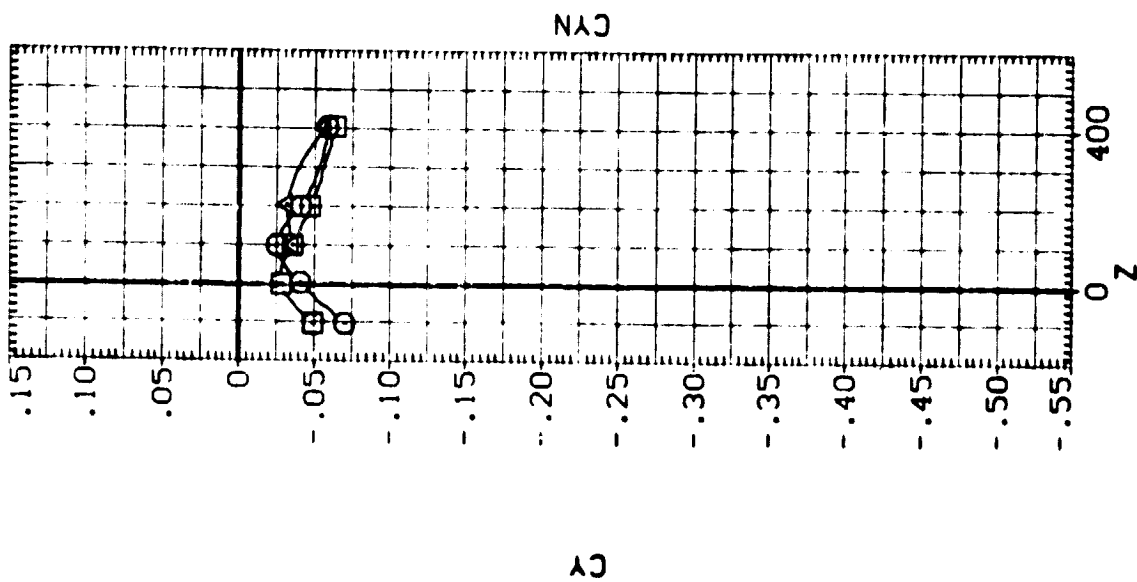


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(B)Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EY	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU173)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	.200	.000	.000	4.520	SREF 2650.0000 SQ. FT.
(ATU176)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	5.200	.000	.000	4.520	LREF 1250.3000 INCHES
(ATU177)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	-4.800	.000	.000	4.520	BREF 1250.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

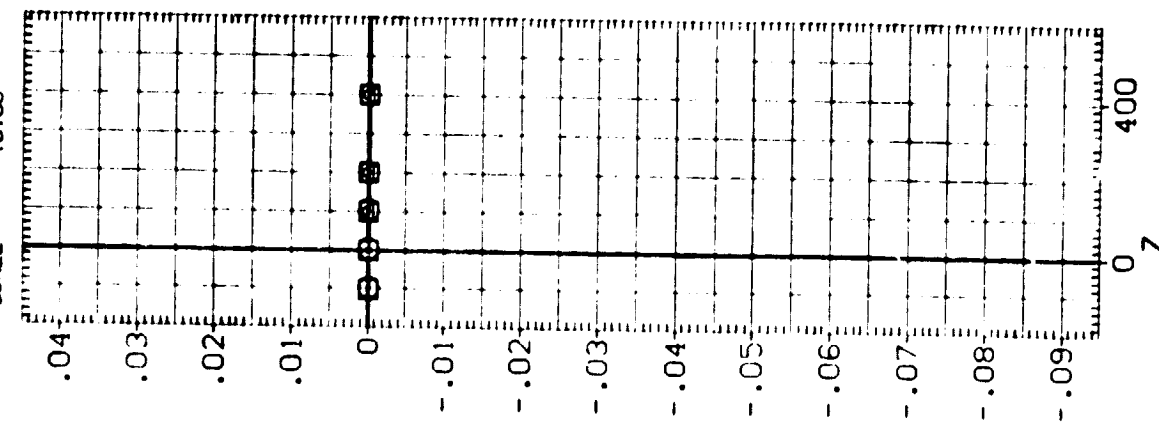
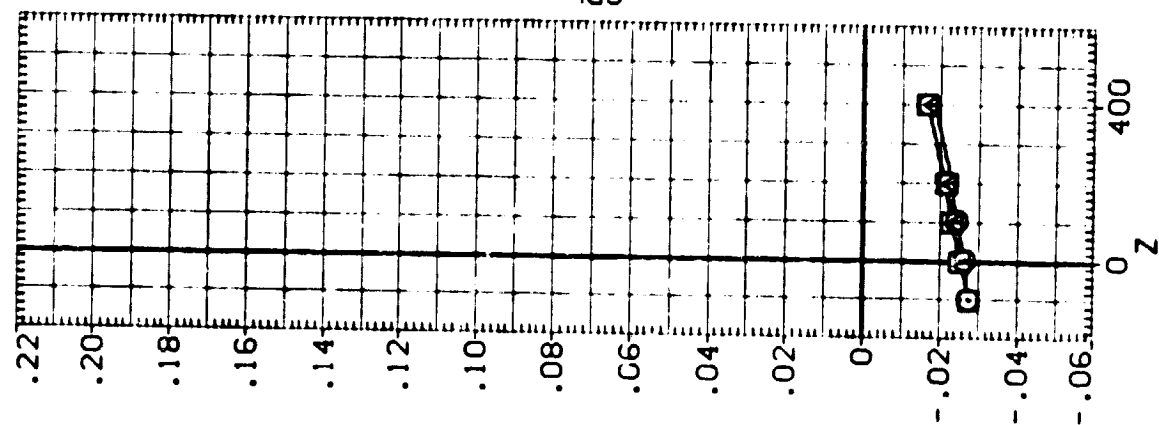
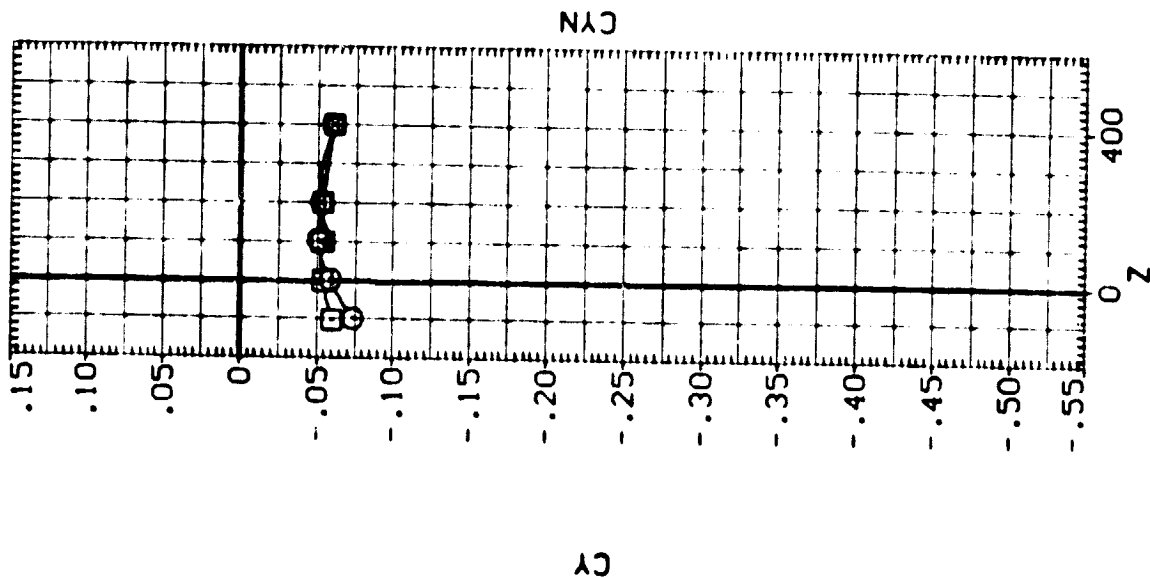


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/EY (ALPHA=-5.9 BETA=10.8)

(CY) --200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATUI74) AEDC/VAS28(1A87)-01ET151-L/M SRB SEPAR. FROM O/ET

(ATUI75) AEDC/VAS28(1A87)-01ET151-L/M SRB SEPAR. FROM O/ET

(ATUI78) AEDC/VAS28(1A87)-01ET151-L/M SRB SEPAR. FROM O/ET

DATA SET SYMBOL

REFERENCE INFORMATION

2690.0000 SQ. FT.

1290.3000 INCHES

1290.3000 INCHES

1290.5000 IN. XS

1290.5000 IN. YS

400.0000 IN. ZS

SCALE 0.100

MACH 4.520

X 300.000

DBETA 0.000

DALPHA 0.200

SRB SEPAR. FROM O/ET

SRB SEPAR. FROM O/ET

SRB SEPAR. FROM O/ET

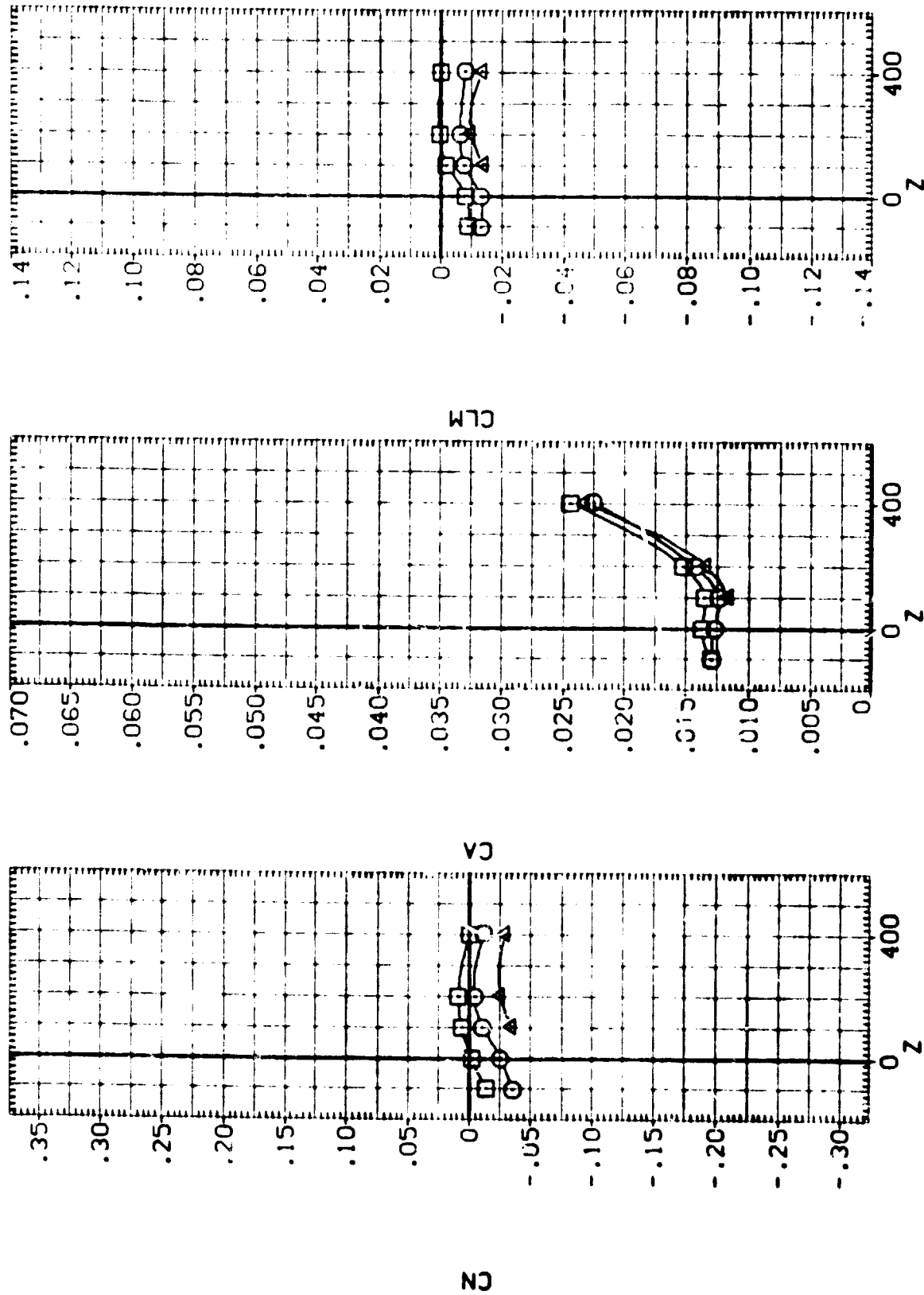


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(A)Y = -40.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATUI74) AEDC/VA528(IAB7)-01ETIS1-L/H SRB SEPAR. FROM O/ET  
 (ATUI75) AEDC/VA528(IAB7)-01ETIS1-L/H SRB SEPAR. FROM O/ET  
 (ATUI78) AEDC/VA528(IAB7)-01ETIS1-L/H SRB SEPAR. FROM O/ET

DALPHA DBETA X MACH REFERENCE INFORMATION  
 .200 .000 300.000 4.520 SREF 2690.0000 SQ.FT.  
 -4.800 .000 300.000 4.520 LREF 1290.3000 INCHES  
 .000 .000 300.000 4.520 BREF 1290.3000 INCHES  
 .000 .000 300.000 4.520 XMRP 1258.5000 IN. YS  
 .000 .000 300.000 4.520 YMRP 400.0000 IN. ZS  
 .000 .000 300.000 4.520 ZMRP 400.0000 IN. ZS  
 .000 .000 300.000 4.520 SCALE .0100

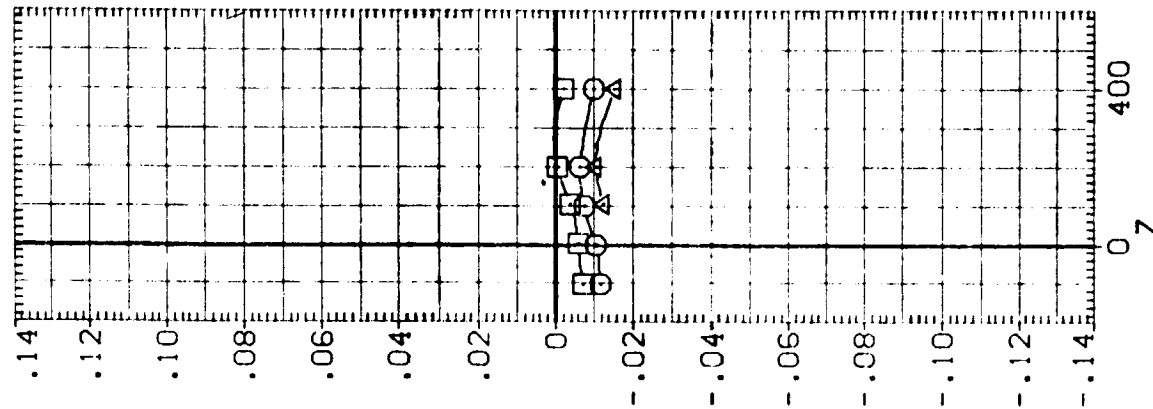
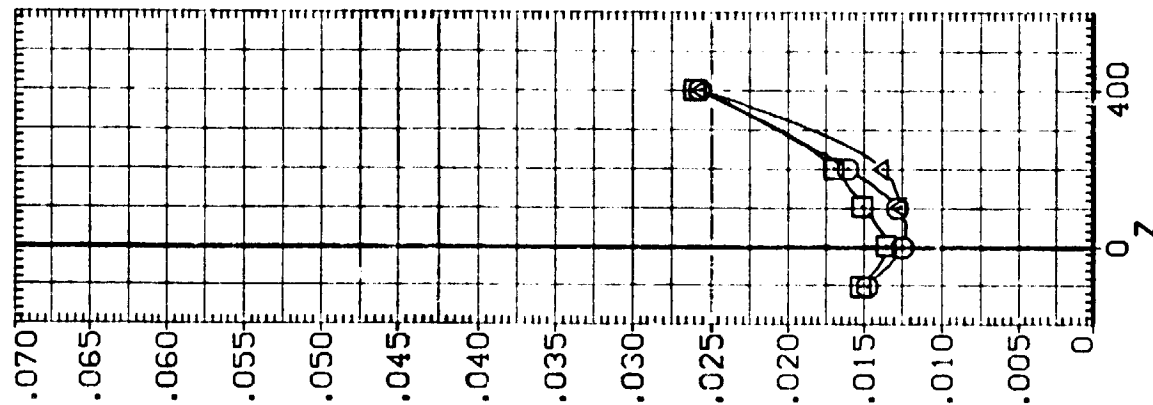
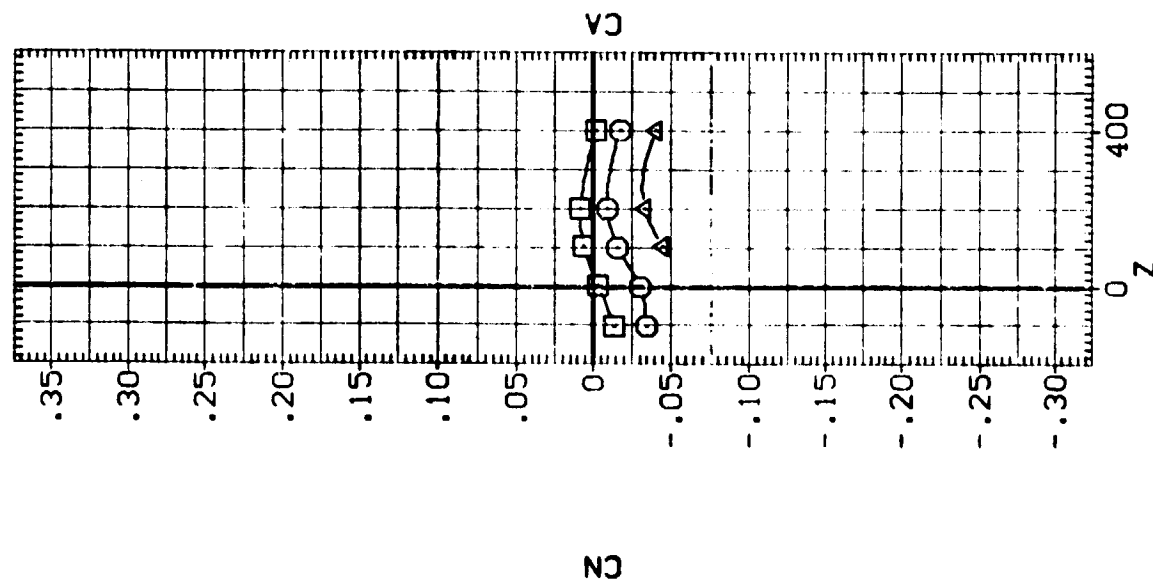


FIG 16 LEFT SRB AERO CHARACTERISTICS, SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(B)Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI74)	AEDC/VA528(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	.200	.000	300.000	4.520	SREF 2630.0000 SQ.FT.
(ATUI75)	AEDC/VA528(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI78)	AEDC/VA528(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	-4.800	.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

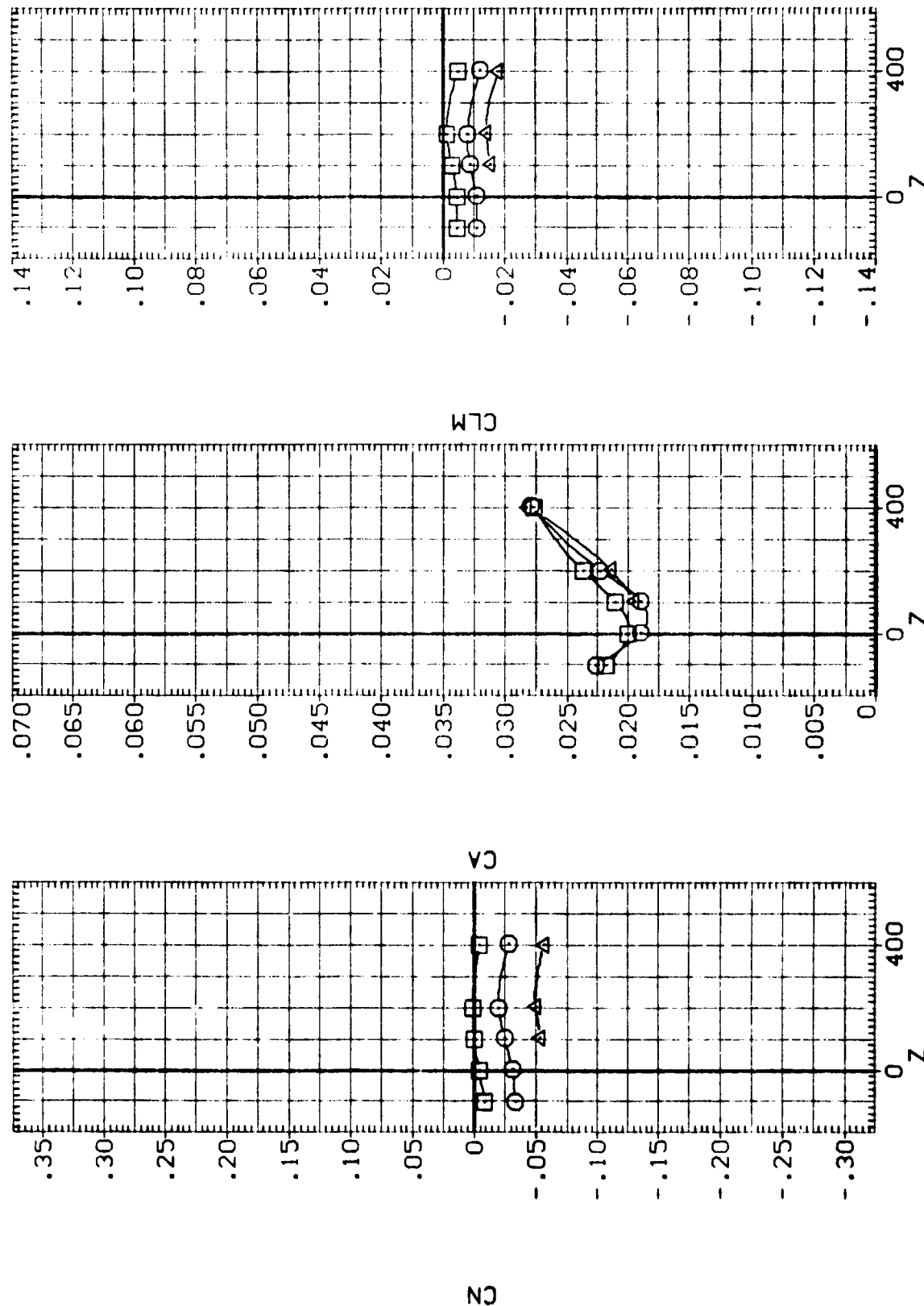


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(C)Y = -200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU174) AEDC/VA528(1A87)-01ET1S1-L/H SRB SEPAR.FROM 0/ET  
 (ATU175) AEDC/VA528(1A87)-01ET1S1-L/H SRB SEPAR.FROM 0/ET  
 (ATU178) AEDC/VA528(1A87)-01ET1S1-L/H SRB SEPAR.FROM 0/ET

DALPHA DBETA X MACH REFERENCE INFORMATION  
 .200 .000 300.000 4.520 SREF 2690.0000 SO.FT.  
 5.200 .000 300.000 4.520 LREF 1290.3000 INCHES  
 -4.800 .000 300.000 4.520 BREF 1290.3000 INCHES  
 XMRP YMRP ZMRP .0000 IN. XS  
 .0000 IN. YS  
 400.0000 IN. ZS  
 SCALE .0100

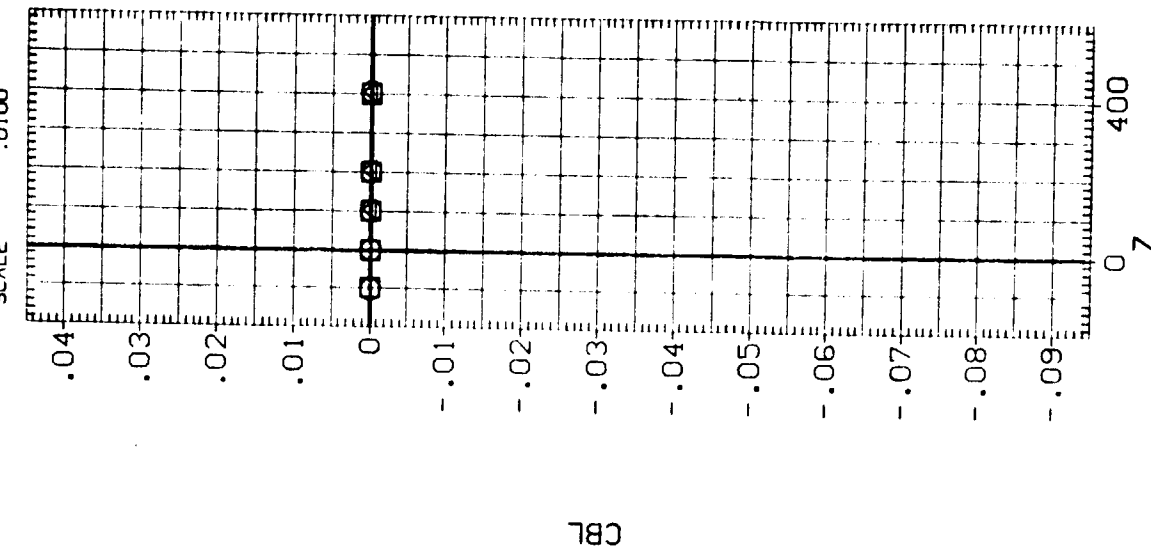
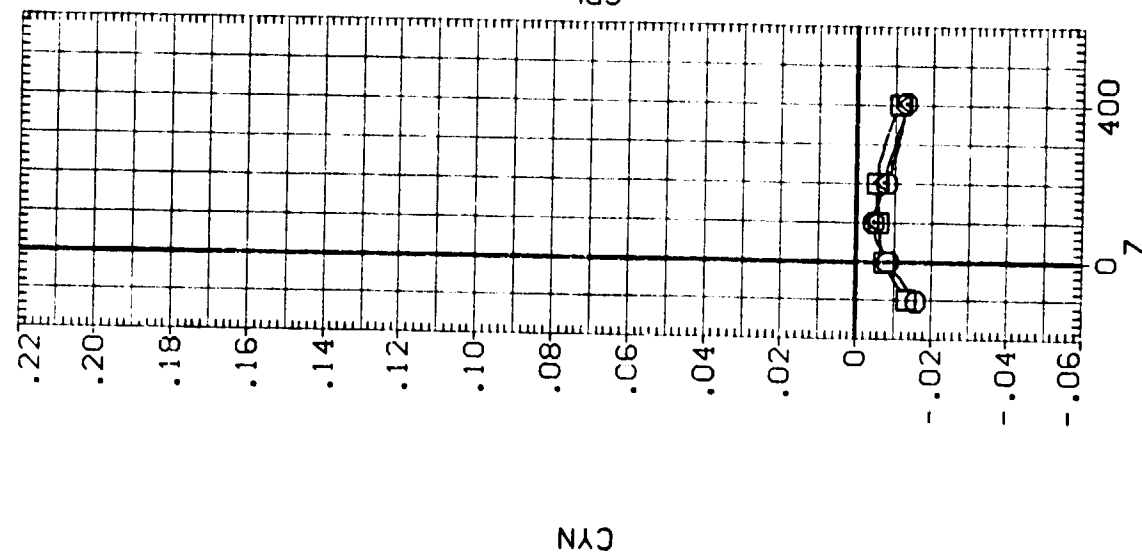
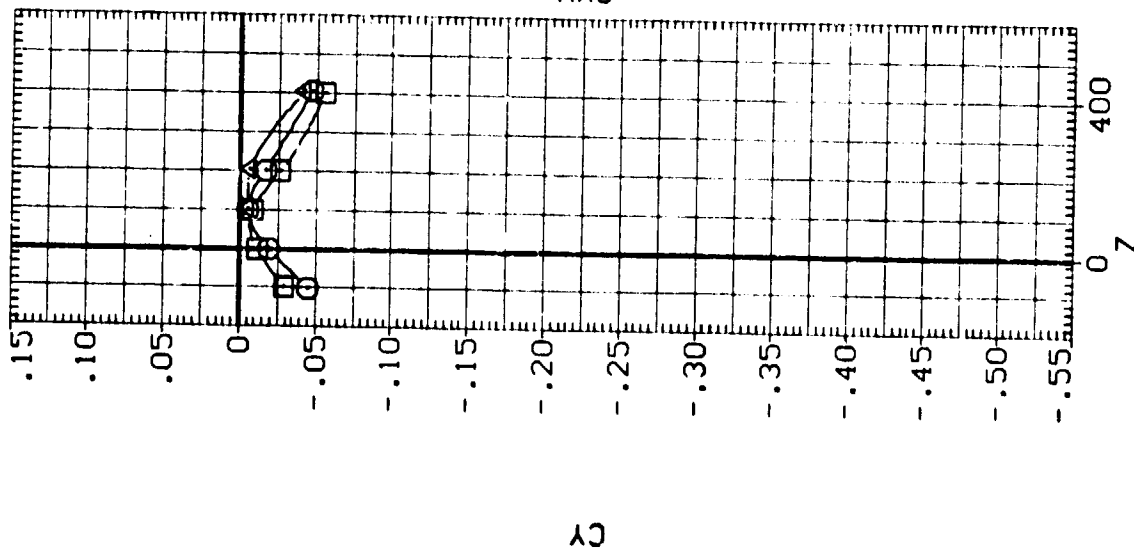


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-5.9 BETA=10.8)

(A)Y = -40.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI74)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	.200	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATUI75)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATUI76)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	-4.800	.000	300.000	4.520	BREF 1290.3000 IN. XS
							YMRP 1259.5000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

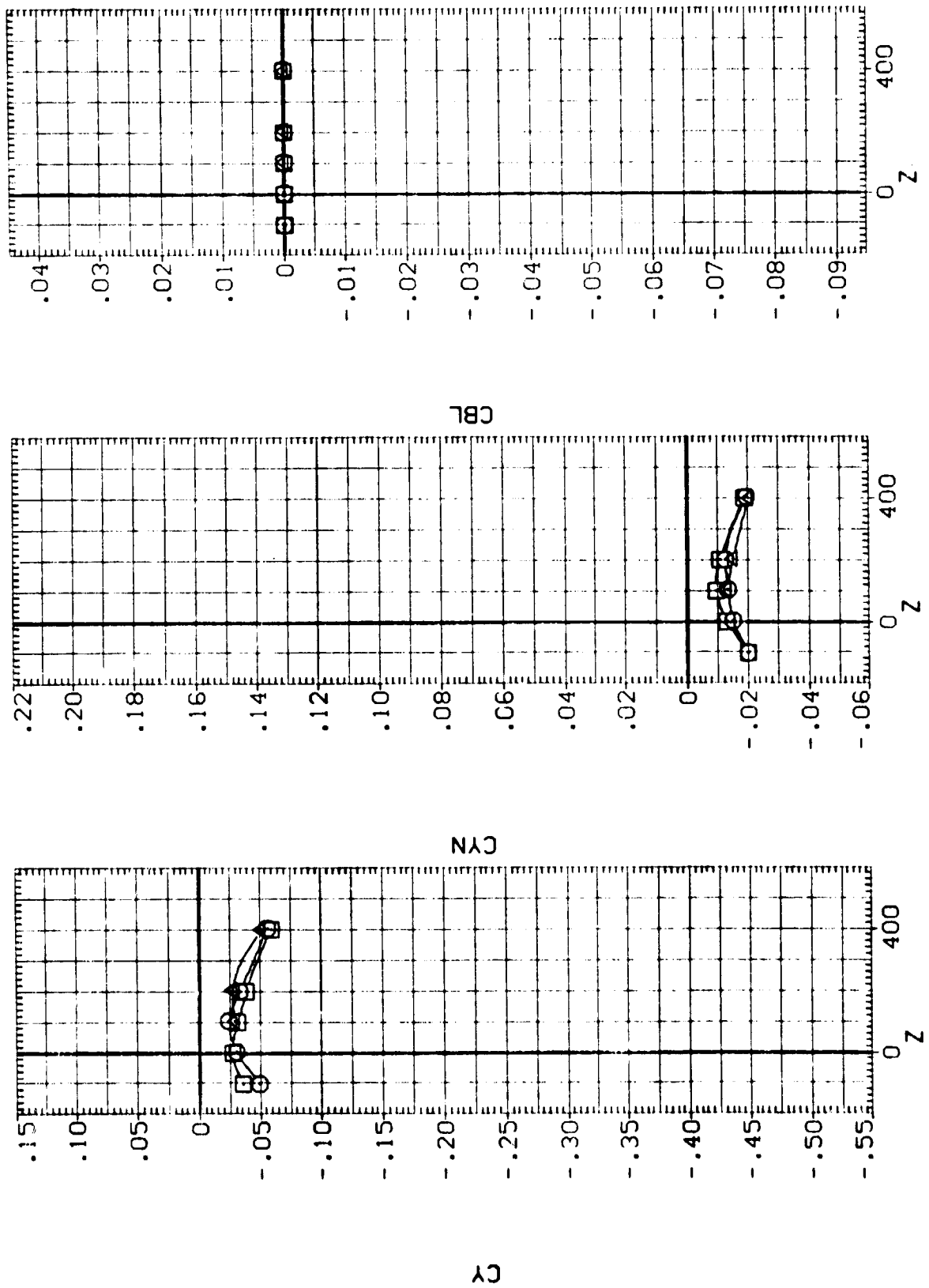


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

DATA SET SYMBOL: (ATU179) (ATU182) (ATU183)

CONFIGURATION DESCRIPTION: AEDC/VA528(IAB7)-01ET1S1-L/H SRB SEPAR FROM 0/ET AEDC/VA528(IAB7)-01ET1S1-L/H SRB SEPAR FROM 0/ET AEDC/VA528(IAB7)-01ET1S1-L/H SRB SEPAR FROM 0/ET

REFERENCE INFO: SREF 2690.0000 SQ.FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XMRP 1258.5000 IN. XS YMRP .0000 IN. YS ZMRP 400.0000 IN. ZS SCALE .0100

MACH: 4.520 .000 4.520 .000 4.520 .000

DALPHA: .200 4.000 5.200 4.000 -4.800

DBETA: 4.000 4.000 4.000

X: .000 .000 .000

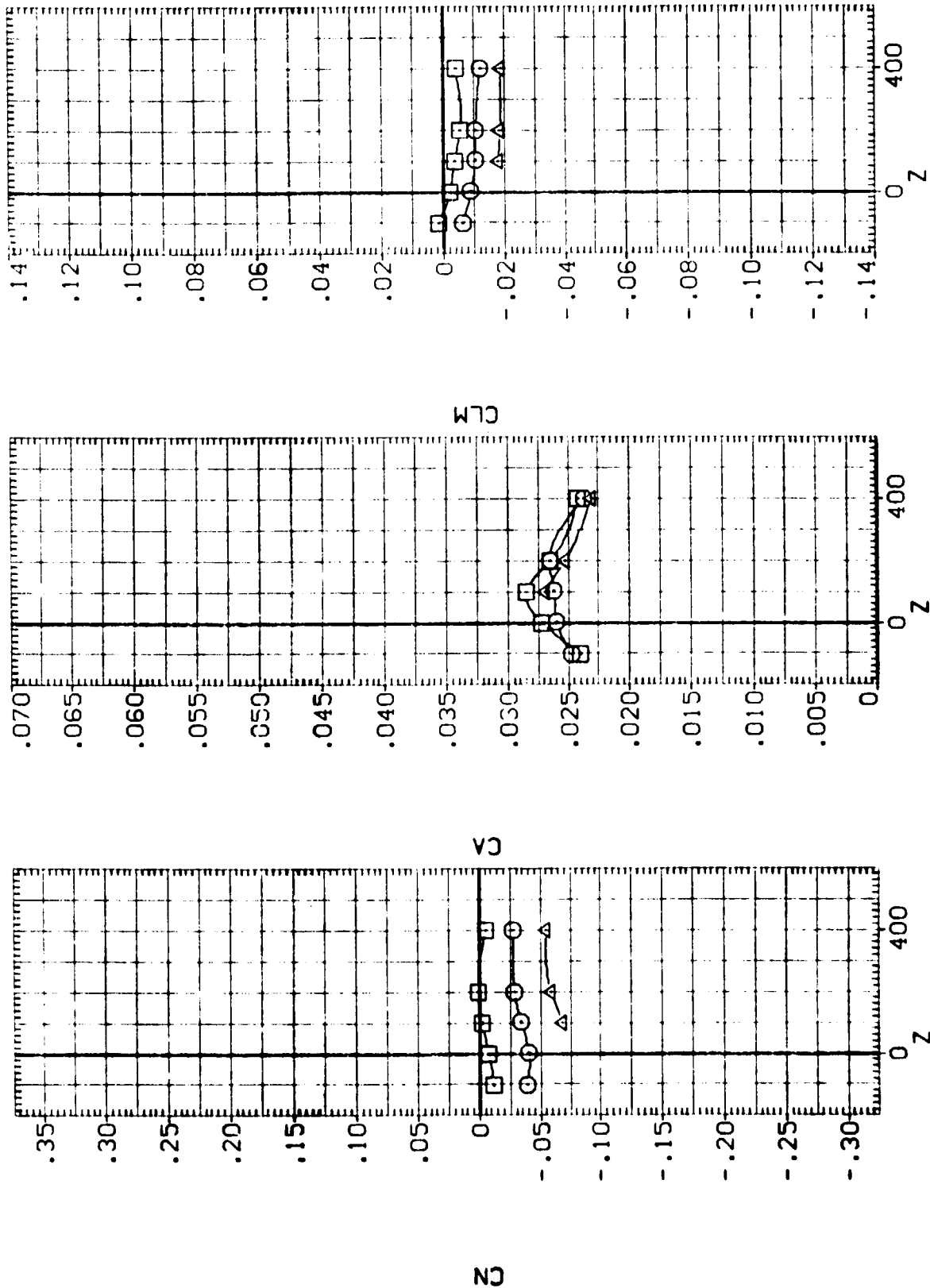


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-5.9 BETA=10.8)

(A)Y = -200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFO	IN
(ATUI80)	AEDC/VAS281(A87)-01ETIS1-L/H	SRB SEPAR. FROM O/EI	200	4.000	300.000	4.520	SREF 2690.0000	SO. FT.
(ATUI81)	AEDC/VAS281(A87)-01ETIS1-L/H	SRB SEPAR. FROM O/EI	5.200	4.000	300.000	4.520	LREF 1290.3000	INCHES
(ATUI84)	AEDC/VAS281(A87)-01ETIS1-L/H	SRB SEPAR. FROM O/EI	-4.800	4.000	300.000	4.520	BREF 1290.3000	INCHES
							XMRP 1258.5000	IN. XS
							YMRP .0000	IN. YS
							ZMRP 400.0000	IN. ZS
							SCALE .0100	

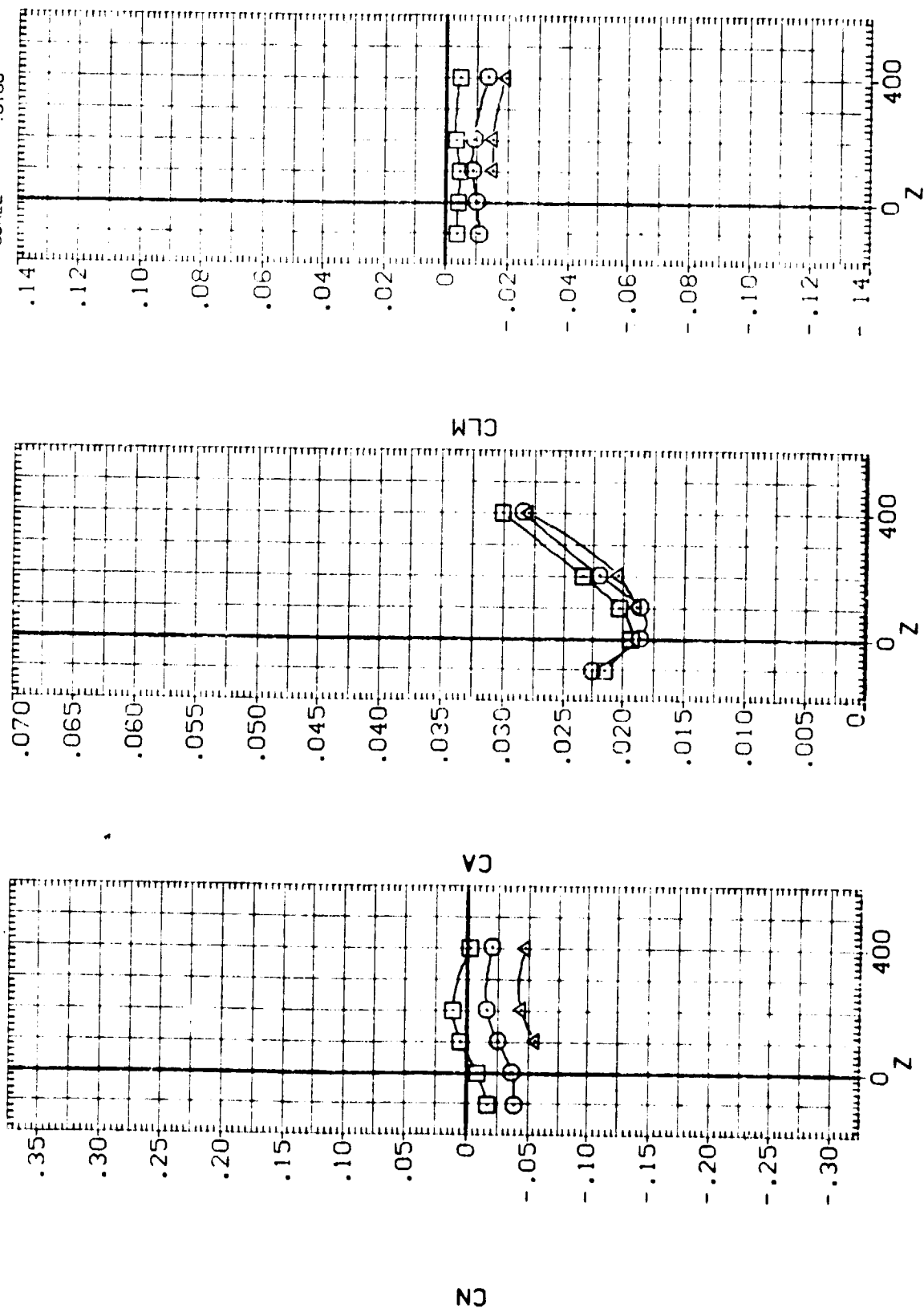


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/EI (ALPHA=-5.9 BETA=10.8)

(A)Y = -200.00

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION	
(ATU180)	AEDC/VAS28(1A87)-01ETISI-L/H	.200	4.000	300.000	4.520	SREF	2690.0000 SQ.FT.
(ATU181)	AEDC/VAS28(1A87)-01ETISI-L/H	5.200	4.000	300.000	4.520	LREF	1290.3000 INCHES
(ATU184)	AEDC/VAS28(1A87)-01ETISI-L/H	-4.800	4.000	300.000	4.520	HREF	1290.3000 INCHES
						YMRP	1258.5000 IN. XS
						ZMRP	400.0000 IN. ZS
						SCALE	.0100

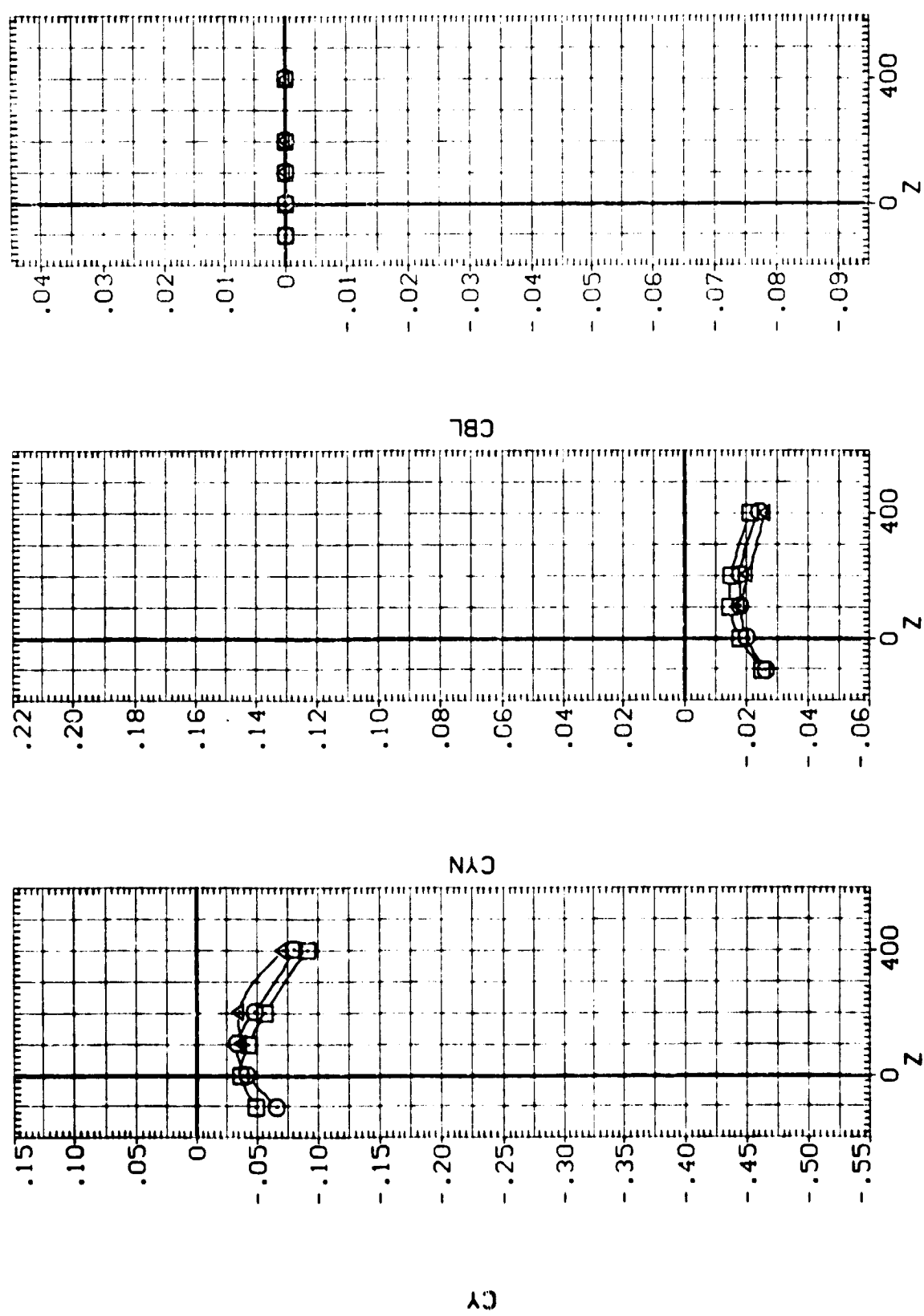


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(A) Y = -200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATUI65)	AEDC/VAS28(IAB7)-O1ET1S1-L/H	SRB	.200	8.000	.000	4.520	SREF 2690.0000 SO.FT.
(ATUI68)	AEDC/VAS28(IAB7)-O1ET1S1-L/H	SRB	5.200	8.000	.000	4.520	LREF 1290.3000 INCHES
(ATUI69)	AEDC/VAS28(IAB7)-O1ET1S1-L/H	SRB	-4.800	8.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

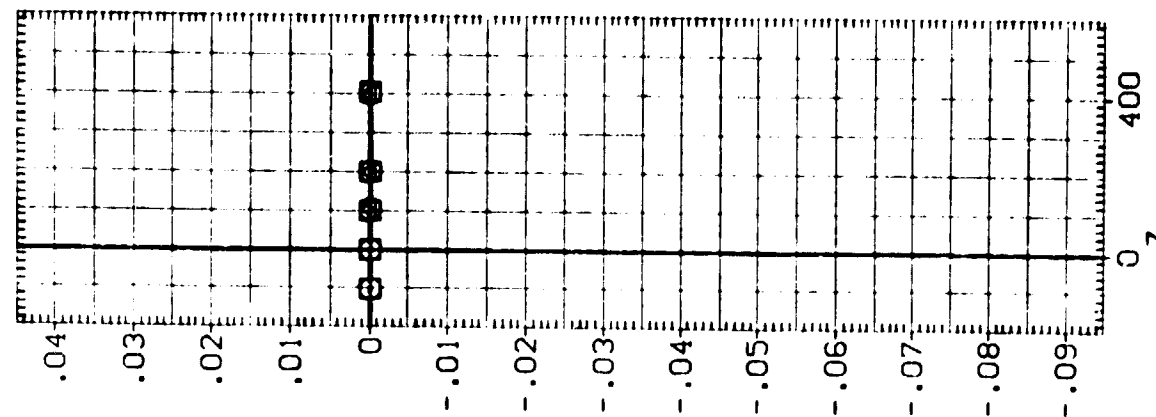
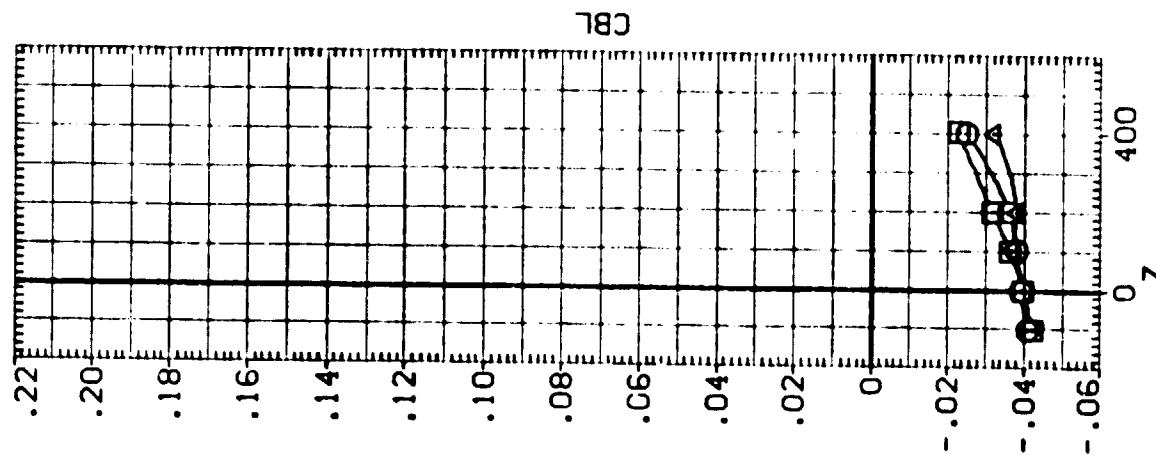
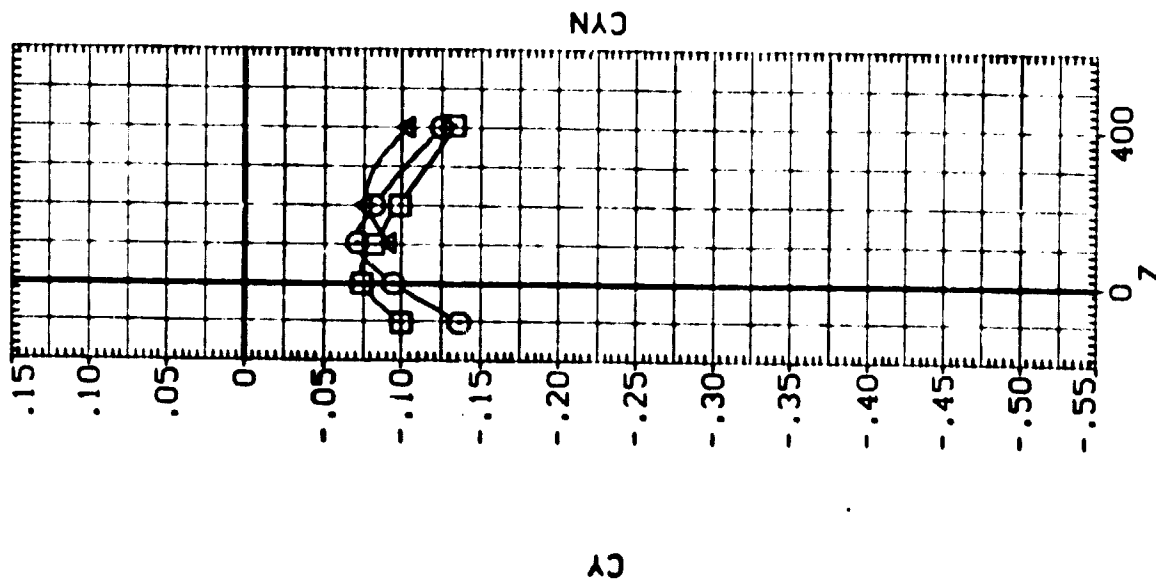


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-5.9 BETA=10.8)

(A)Y = -200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATUI86) AEDC/VA528(IAB7)-O1ETISI-L/H SRB SEPAR. FROM O/ET

(ATUI87) AEDC/VA528(IAB7)-O1ETISI-L/H SRB SEPAR. FROM O/ET

(ATUI90) AEDC/VA528(IAB7)-O1ETISI-L/H SRB SEPAR. FROM O/ET

ALPHA DBETA X MACH REFERENCE INFORMATION

200 8.000 300.000 4.520 2690.0000 50 FT.

5.200 8.000 300.000 4.520 1290.3000 INCHES

-4.800 8.000 300.000 4.520 1290.3000 INCHES

SCALE

400.0000 IN. YS

.0100 IN. ZS

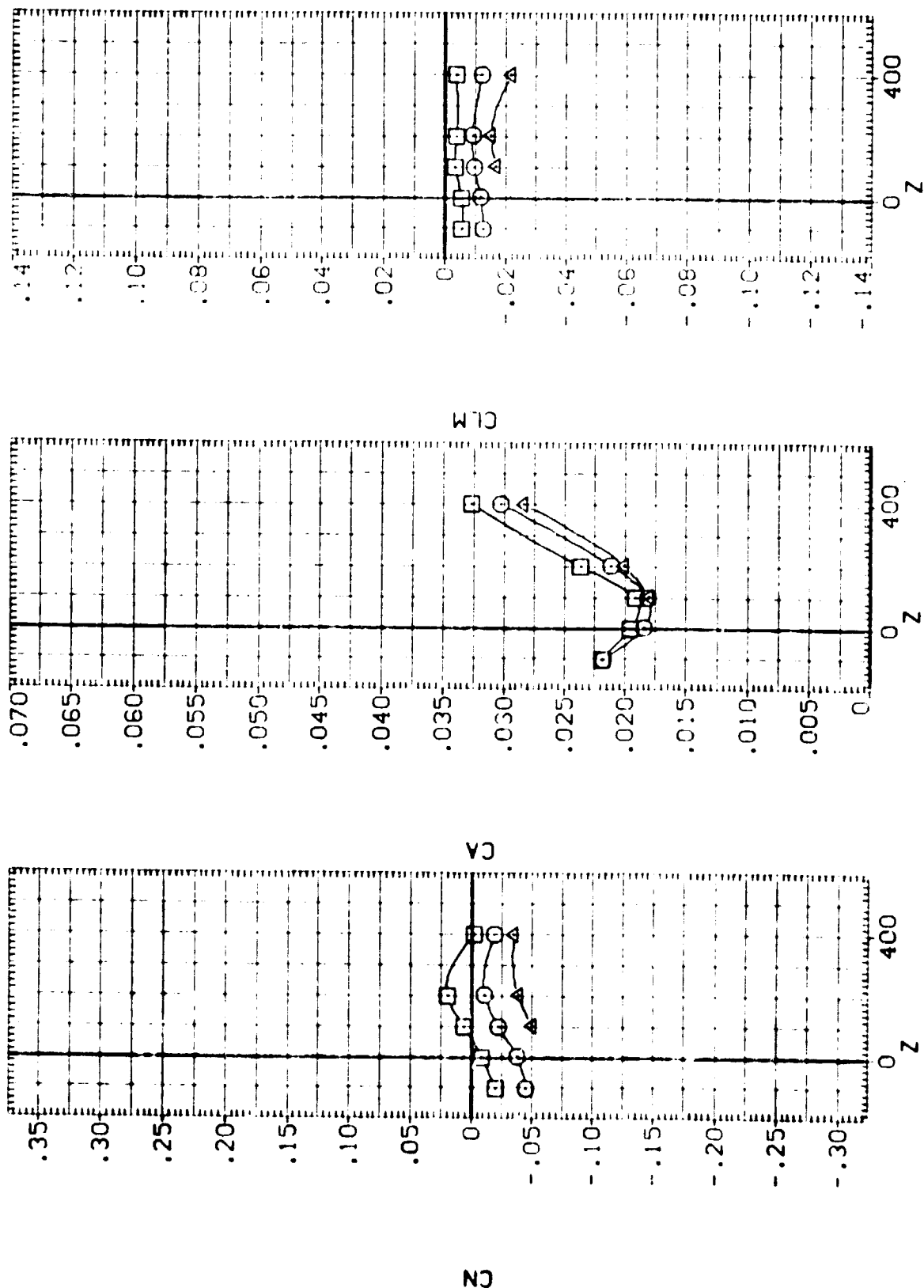


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=5.9 BETA=10.8)

(A)Y = -200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU186)	AEDC/VAS28(1A87)-O1ET1S1-L/H	SRB SEPAR. FROM O/EI	.200	8.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU187)	AEDC/VAS28(1A87)-O1ET1S1-L/H	SRB SEPAR. FROM O/EI	5.200	8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU190)	AEDC/VAS28(1A87)-O1ET1S1-L/H	SRB SEPAR. FROM O/EI	-4.800	8.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

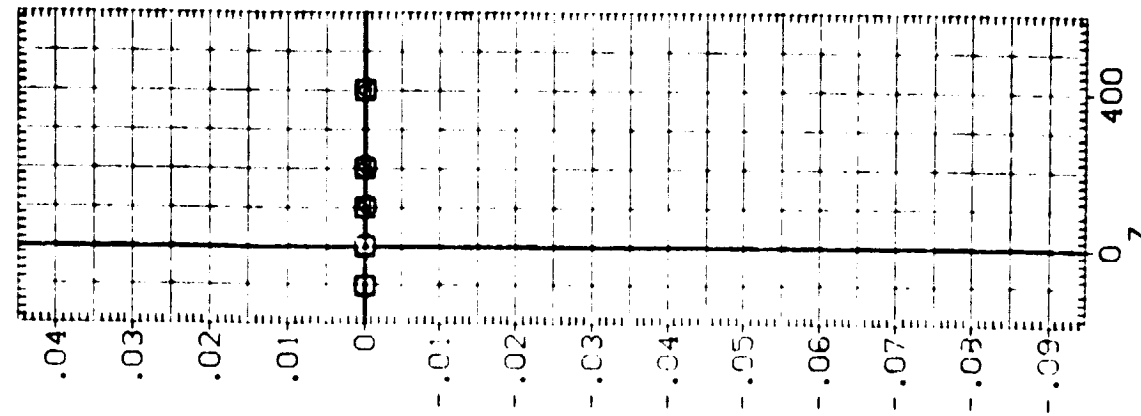
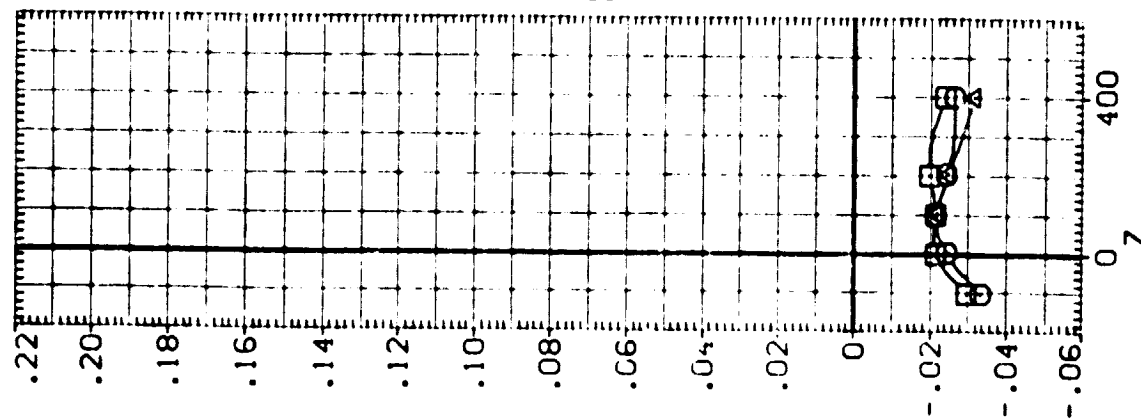
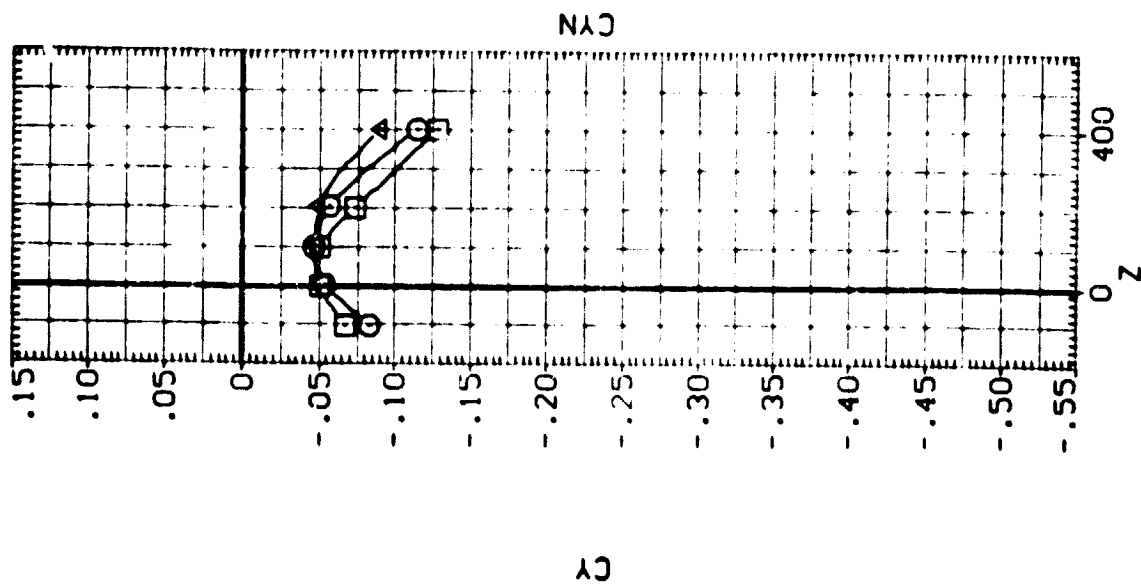


FIG 16 LEFT SRB AERO CHARACT. SEPARATING FROM O/EI (ALPHA=-5.9 BETA=10.8)

(A) Y = -200.00

DATA SET SYMBOL: (AT0209) (AT0212) (AT0213)

CONFIGURATION DESCRIPTION: AEDC/VAS28(IAB7)-01ET:SI-L/H AEDC/VAS28(IAB7)-01ET:SI-L/H AEDC/VAS28(IAB7)-01ET:SI-L/H

SRB SEPAR. FROM O/ET: .000 .000 .000

SRB SEPAR. FROM O/ET: .000 .000 .000

SRB SEPAR. FROM O/ET: .000 .000 .000

DALTA: .100 .100 .100

DBETA: -.100 -.100 -.100

MACH: 4.520 4.520 4.520

REFERENCE INFO: SRB 2690.0000 IN. SREF 50.00 IN. LREF 1290.3000 IN. BREF 1290.3000 IN. XHRP 258.5000 IN. YHRP .0000 IN. ZHRP 400.0000 IN. SCALE .0100

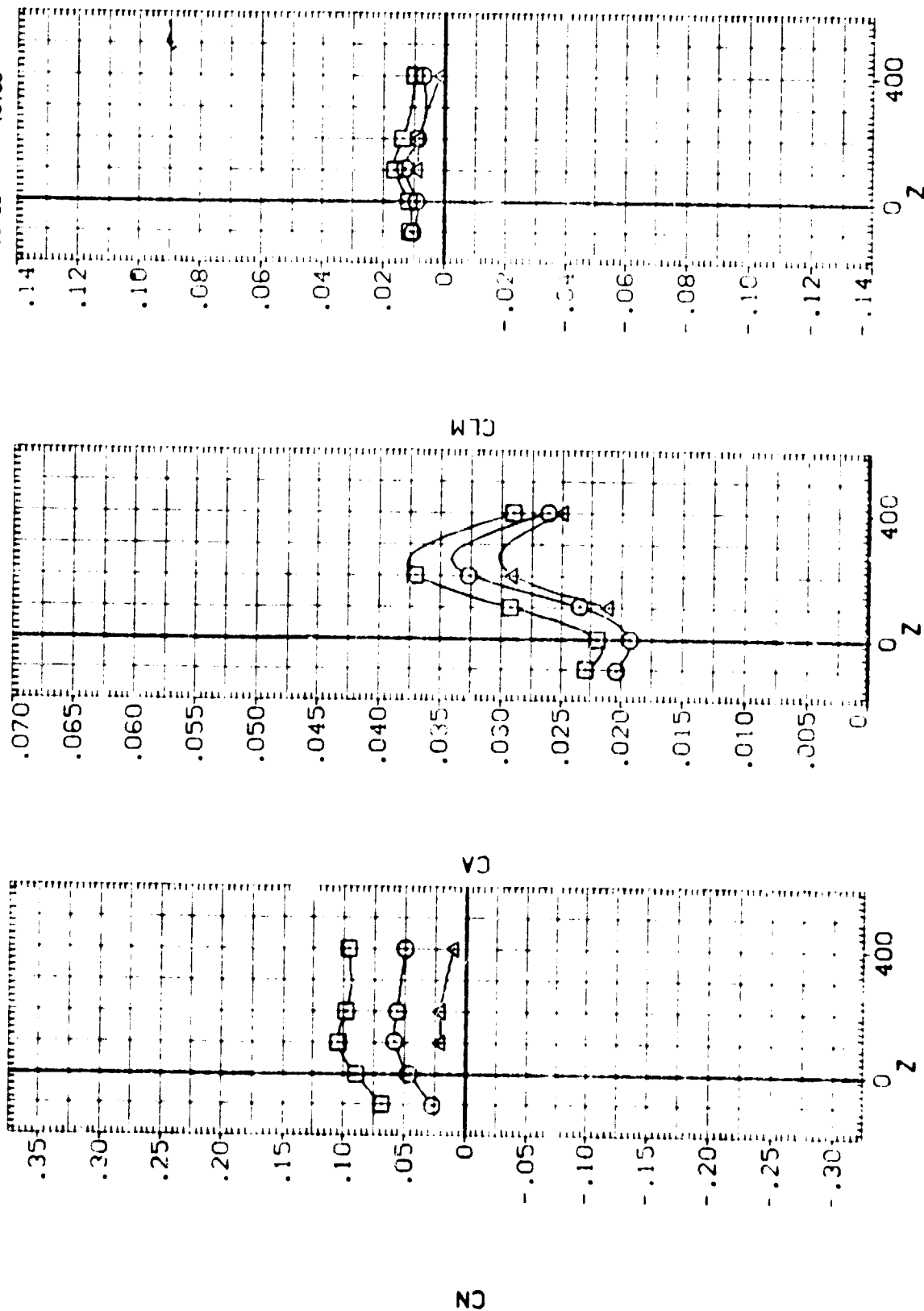


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(A)Y = -50.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU209) AEDC/VAS28(1A87)-G1ET1S1-L/H SRB  
 (ATU212) AEDC/VAS28(1A87)-G1ET1S1-L/H SRB  
 (ATU213) AEDC/VAS28(1A87)-G1ET1S1-L/H SRB

SEPAR. FROM 0/ET  
 SEPAR. FROM 0/ET  
 SEPAR. FROM 0/ET

DALPHA

.100  
 .100  
 -4.900

X

.000  
 .000  
 .000

MACH

4.520  
 4.520  
 4.520

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1298.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

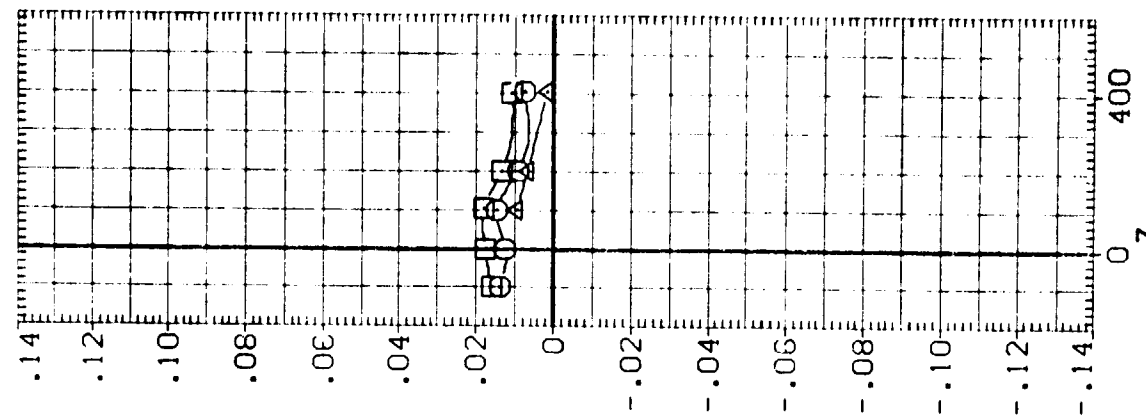
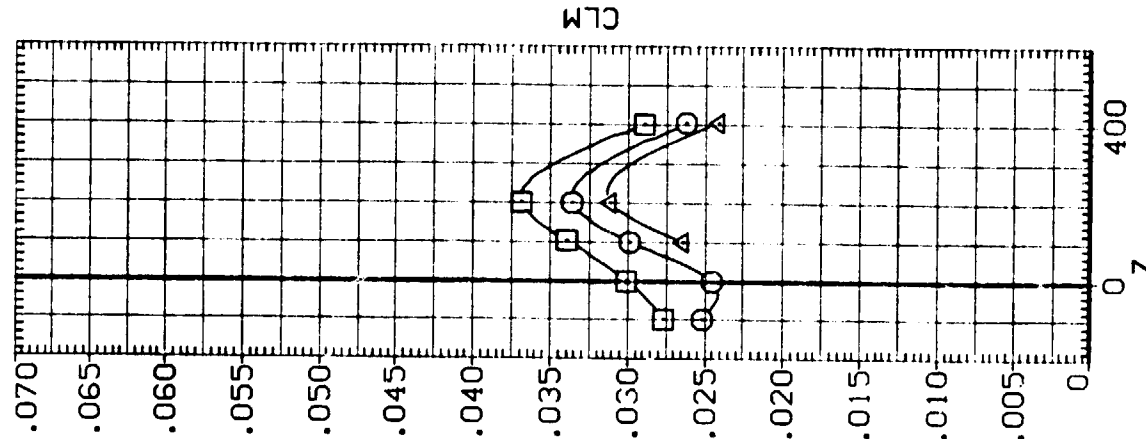
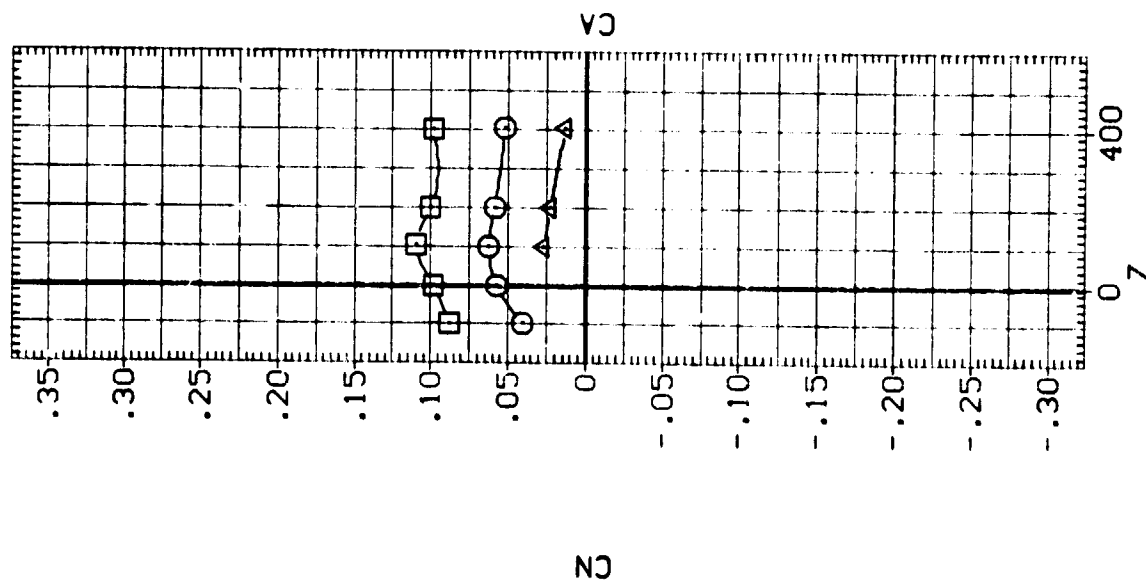


FIG 17 LEFT SRB AERO CHARACTER. SEPARATING FROM 0/ET (ALPHA=10.2 BETA=11.0)

(B)Y --100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(AT0209)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/E/T	.100	-.100	.000	4.520	SREF 2690.0000 SQ.FT.
(AT0212)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/E/T	5.100	-.100	.003	4.520	LREF 1290.3000 INCHES
(AT0213)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/E/T	-4.900	-.100	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP .0000 IN. ZS
							SCALE .0100

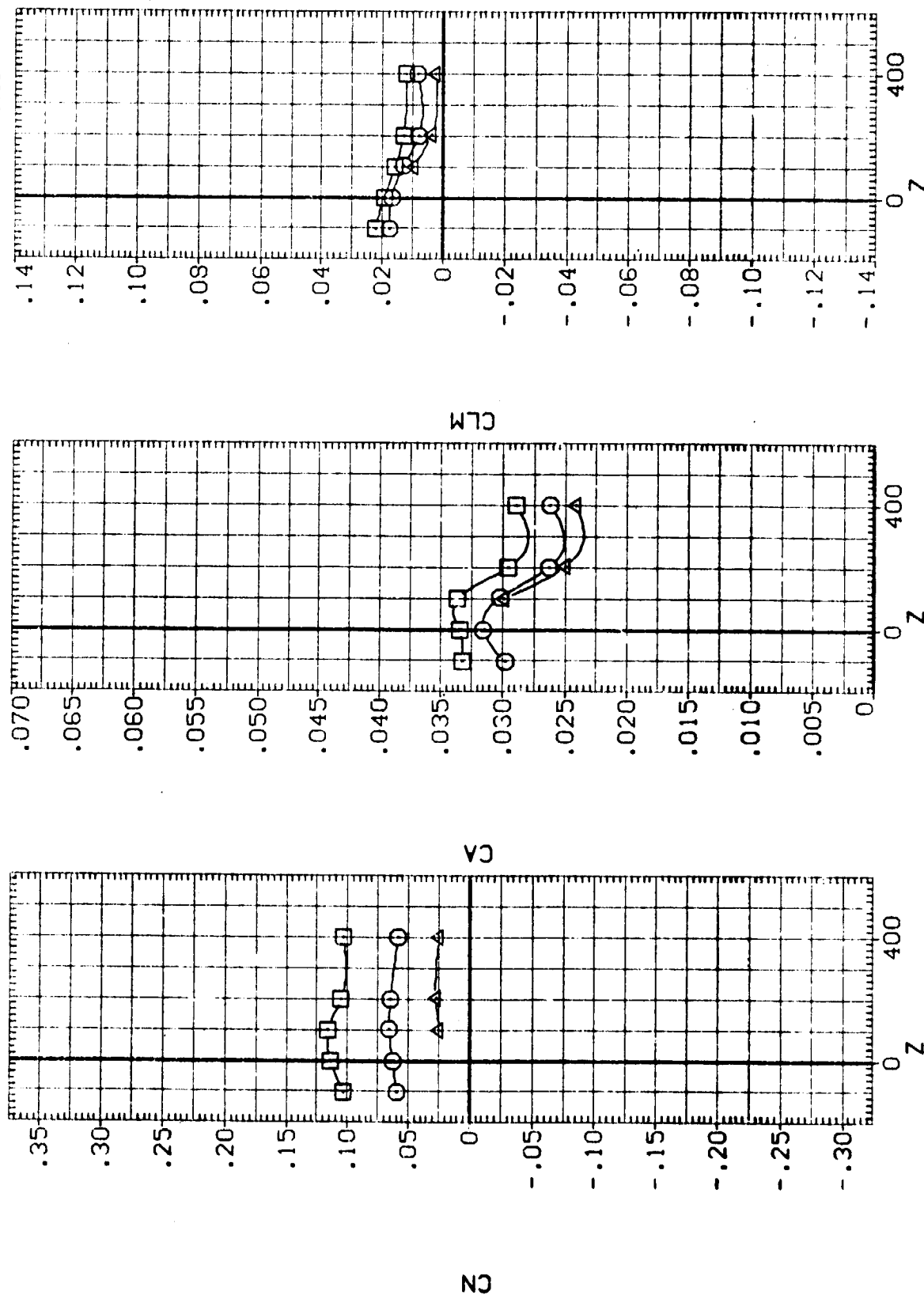


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=10.2 BETA=11.0)

(C)Y =-200.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DILPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(ATU209)	□	AEDC/VAS28(IAB7)-O1ETIS1-L/H	SRB SEPAR. FROM O/ET	.100	-.100	.000	4.520	REF	2690.0000	SO.FT.			
(ATU212)	□	AEDC/VAS28(IAB7)-O1ETIS1-L/H	SRB SEPAR. FROM O/ET	.100	-.100	.000	4.520	LREF	1290.3000	INCHES			
(ATU213)	□	AEDC/VAS28(IAB7)-O1ETIS1-L/H	SRB SEPAR. FROM O/ET	-.900	-.100	.000	4.520	BREF	1290.3000	INCHES			
								YMRP	1298.5000	IN. XS			
								ZMRP	.0000	IN. YS			
								SCALE	400.0000	IN. ZS			
									.0100				

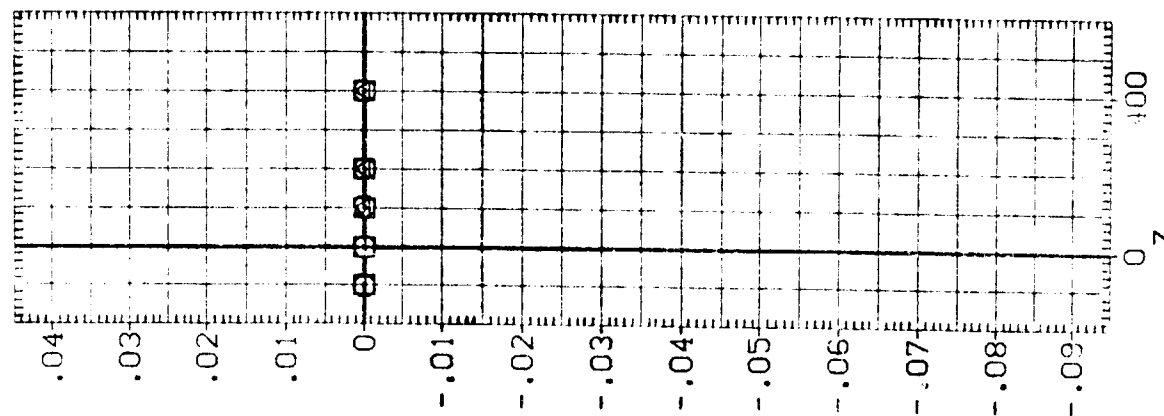
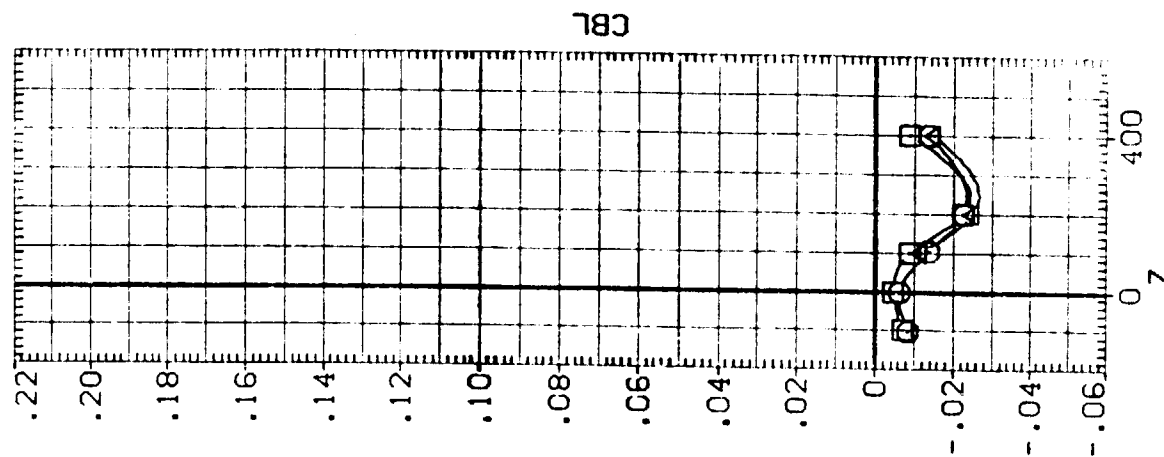
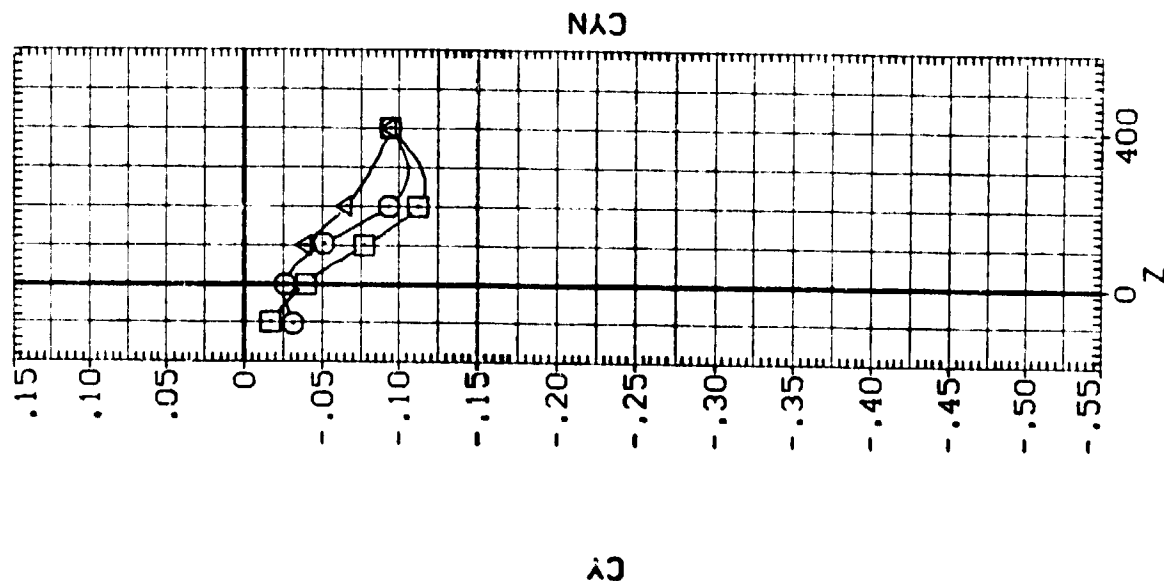


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.C)

(A)Y = -50.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU209)	AEDC/VA528(1AB7)-O1ET1S1-L/H	SRB SEPAR. FROM O/E/T	.100	-.100	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU212)	AEDC/VA528(1AB7)-O1ET1S1-L/H	SRB SEPAR. FROM O/E/T	.100	-.100	.000	4.520	LREF 1290.3000 INCHES
(ATU213)	AEDC/VA528(1AB7)-O1ET1S1-L/H	SRB SEPAR. FROM O/E/T	-4.900	-.100	.000	4.520	BREF 1290.3000 INCHES
							YMRP .0000 IN. YS
							ZMRP .0000 IN. ZS
							SCALE .0100

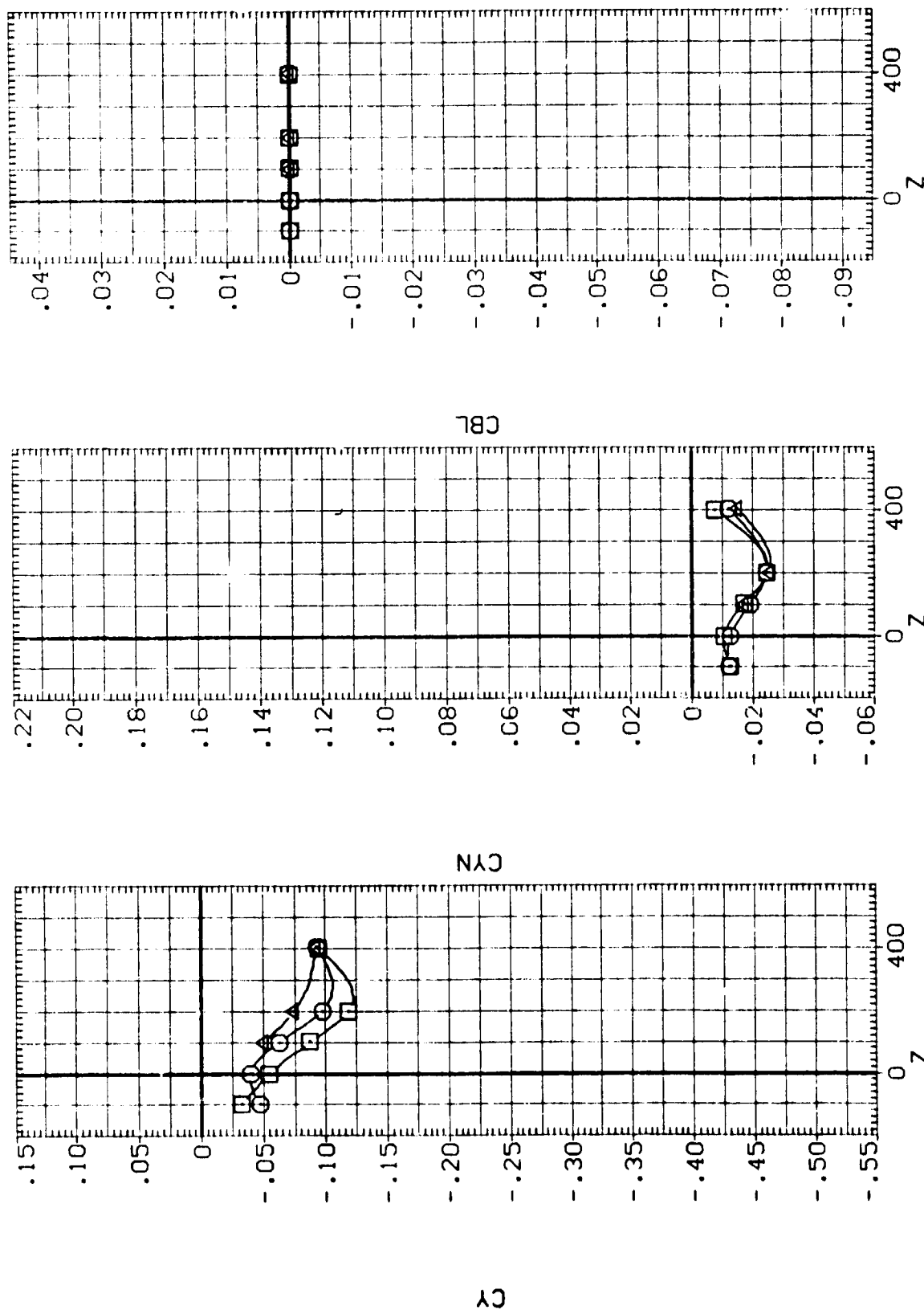


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=10.2 BETA=11.0)

(B)Y = -100.00

CONFIGURATION	DESCRIPTION
AEDC/VA528(1A87)-01ETISI-L/H	
AEDC/VA528(1A87)-01ETISI-L/H	
AEDC/VA528(1A87)-01ETISI-L/H	

DALPHA	DBETA
.100	-.100
5.100	-.100
-4.900	-.100

MACH 4.52  
4.52  
4.52

REFERENCE INFORMATION		NO.	INCHES	SQ. FT.
REF		2690.0000		
REF		1290.3000		
REF		1290.3000		
MRP		1258.5000		
MRP		.0000		
MRP		400.0000		
CALE		.0100		

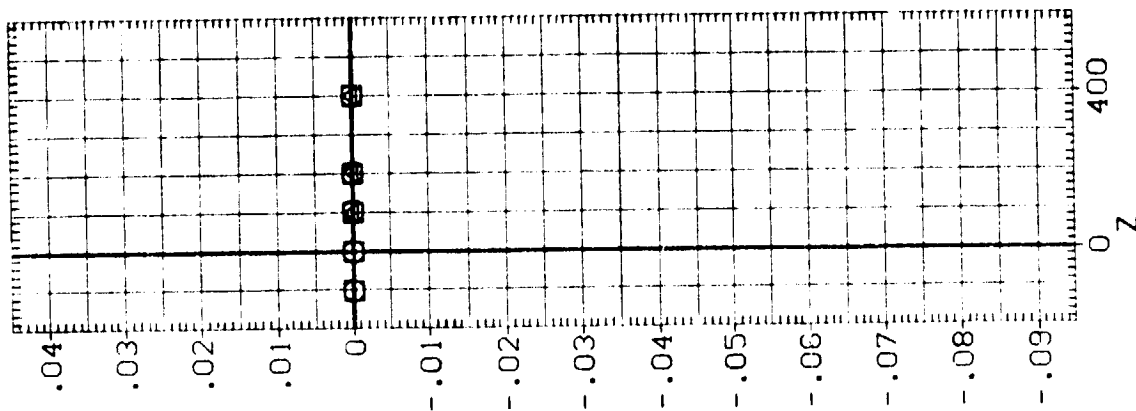
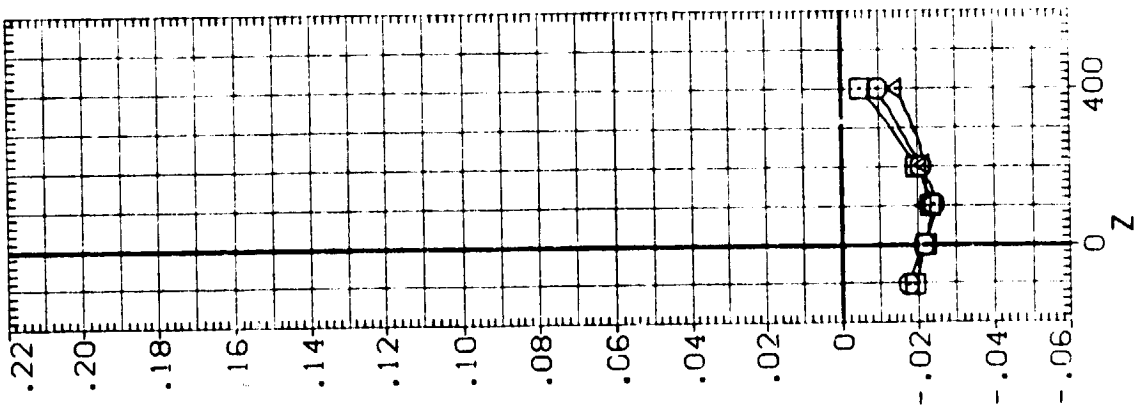


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

```
{C}Y
=-200.00
```

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE INFORMATION
(ATU210)	*EDC/VAS281(A87)-O1ET1S1-L/H	.100	-.100	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU211)	AEDC/VAS281(A87)-O1ET1S1-L/H	.100	-.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU214)	AEDC/VAS281(A87)-O1ET1S1-L/H	5.100	-.100	300.000	4.520	BREF 1290.3000 INCHES
		-4.900				XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

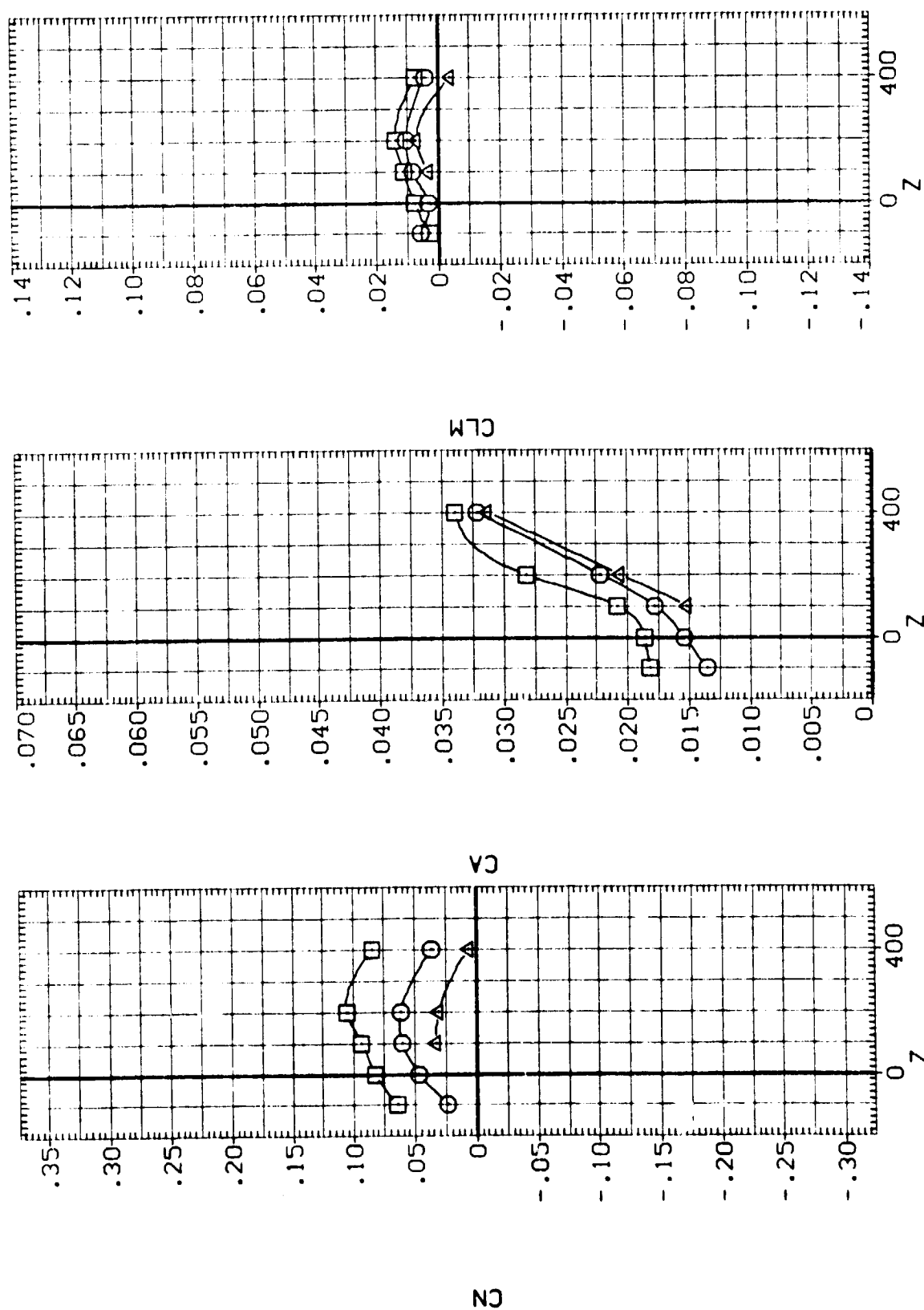


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(A)Y = -50.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU210)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	.100	-1.00	300.000	4.520	SO. FT.
(ATU211)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	5.100	-1.00	300.000	4.520	INCHES
(ATU214)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	-4.900	-1.00	300.000	4.520	INCHES
							IN. XS
							IN. YS
							IN. ZS
							SCALE
							400.0000
							.0100

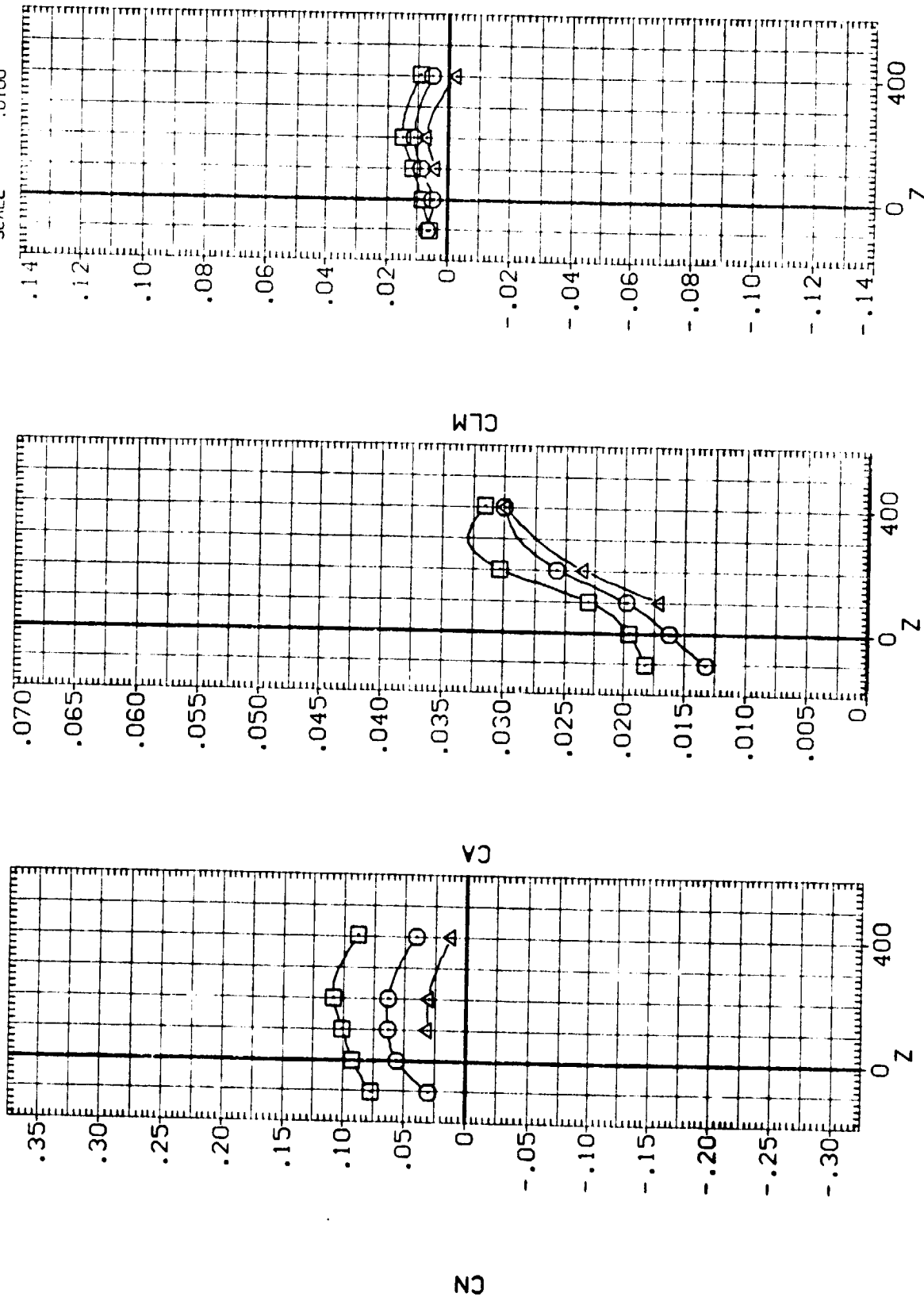


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(B)Y = -100.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU210) AEDC/VA528(1A87)-01ETISI-L/H SRB SEPAR. FROM O/EI  
 (ATU211) AEDC/VA528(1A87)-01ETISI-L/H SRB SEPAR. FROM O/EI  
 (ATU214) AEDC/VA528(1A87)-01ETISI-L/H SRB SEPAR. FROM O/EI

DALPHA DBETA X  
 .100 .100 300.000  
 5.100 .100 300.000  
 -4.500 .100 300.000

MACH REFERENCE INFORMATION  
 4.520 SREF 2690.0000 SQ.FT.  
 4.520 LREF 1290.3000 INCHES  
 4.520 BREF 1290.3000 INCHES  
 XMRD 1258.5000 IN. XS  
 YMRD 400.0000 IN. YS  
 ZMRD 400.0000 IN. ZS  
 SCALE .0100

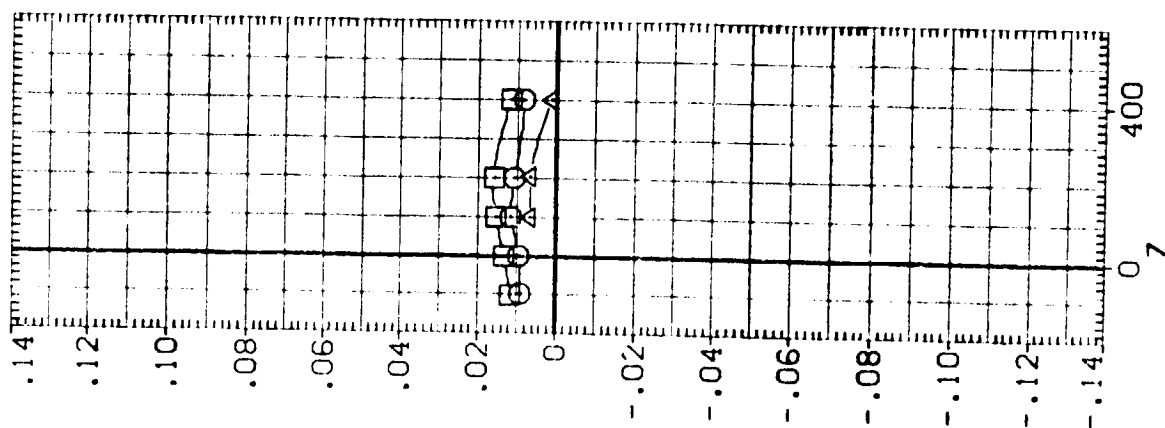
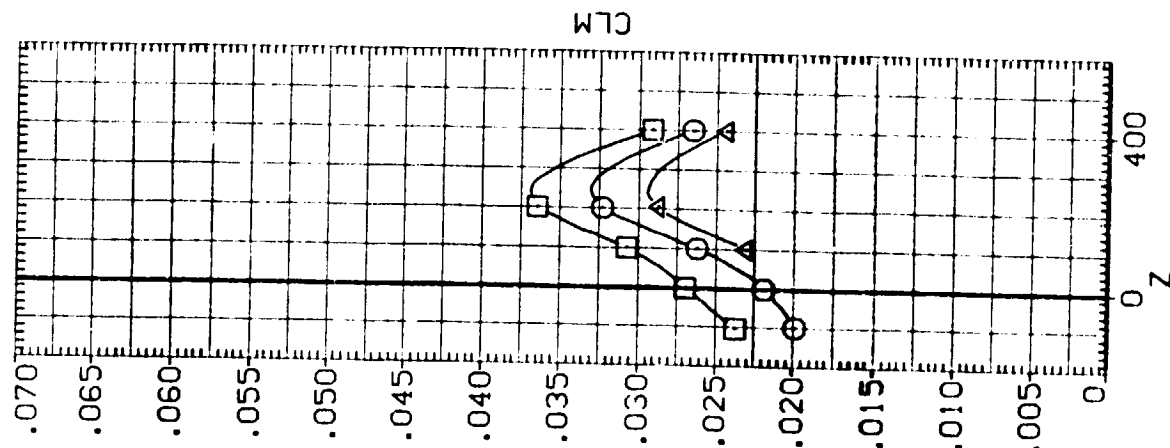
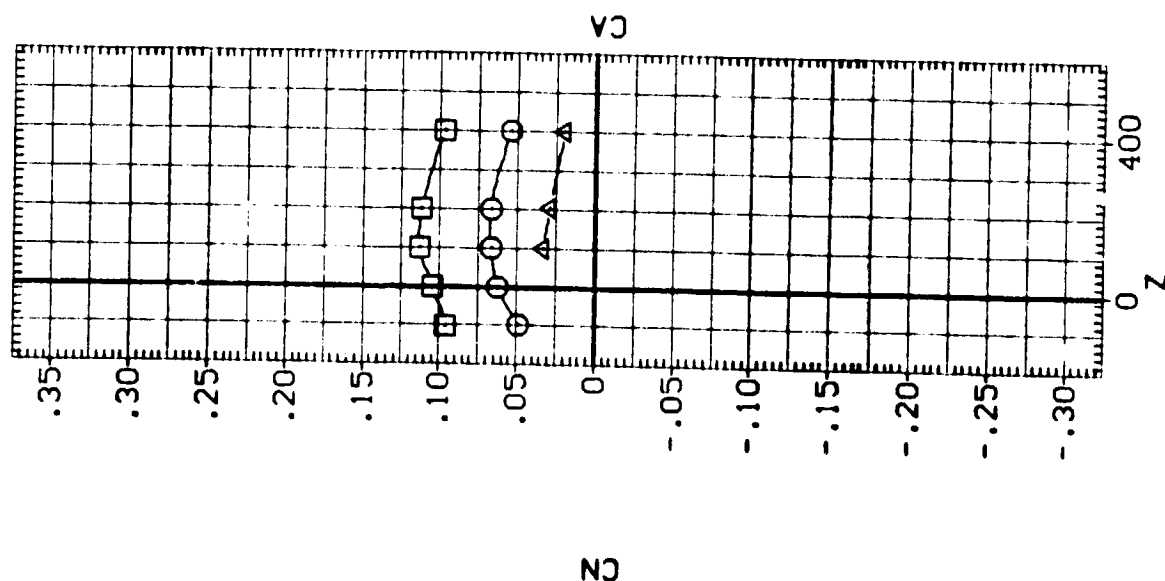


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/EI (ALPHA=10.2 BETA=11.0)

(C)Y = -200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU2101) AEDC/VA528(1A87)-01ETIS1-L/H SRB  
 (ATU2111) AEDC/VA528(1A87)-01ETIS1-L/H SRB  
 (ATU2141) AEDC/VA528(1A87)-01ETIS1-L/H SRB

DALPHA DBETA  
 .100  
 -.100  
 -.100  
 -4.900

X  
 300.000  
 300.000  
 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1230.3000 INCHES  
 SREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

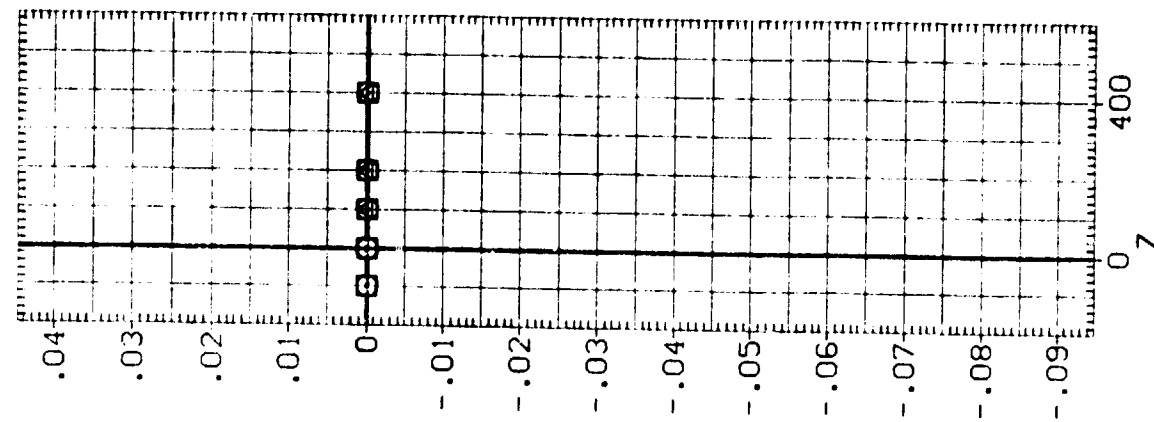
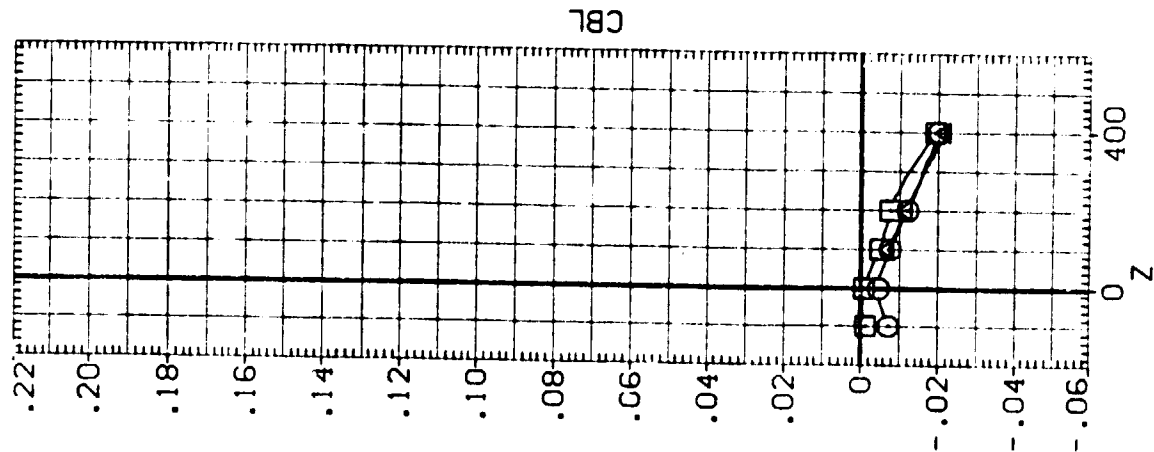
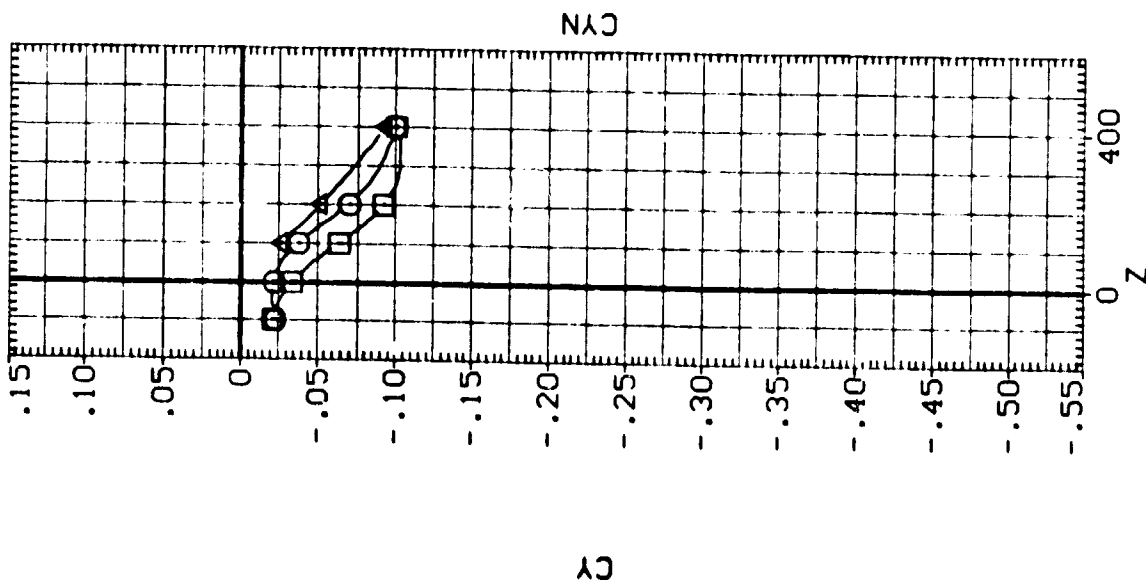


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(A)Y = -50.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM O/ET	DALPHA	DBETA	MACH	REFERENCE INFORMATION
(ATU2101)	AEDC/VA528 (AB7)-01ET1S1-L/H	SRB	SEPAR. FROM O/ET	.100	.100	4.520	2690.0000 SO.FT.
(ATU211)	AEDC/VA528 (AB7)-01ET1S1-L/H	SRB	SEPAR. FROM O/ET	5.100	.100	4.520	1290.3000 INCHES
(ATU214)	AEDC/VA528 (AB7)-01ET1S1-L/H	SRB	SEPAR. FROM O/ET	-4.900	.100	4.520	1290.3000 INCHES
						YMRP	1258.5000 IN. YS
						ZMRP	400.0000 IN. ZS
						SCALE	.0100

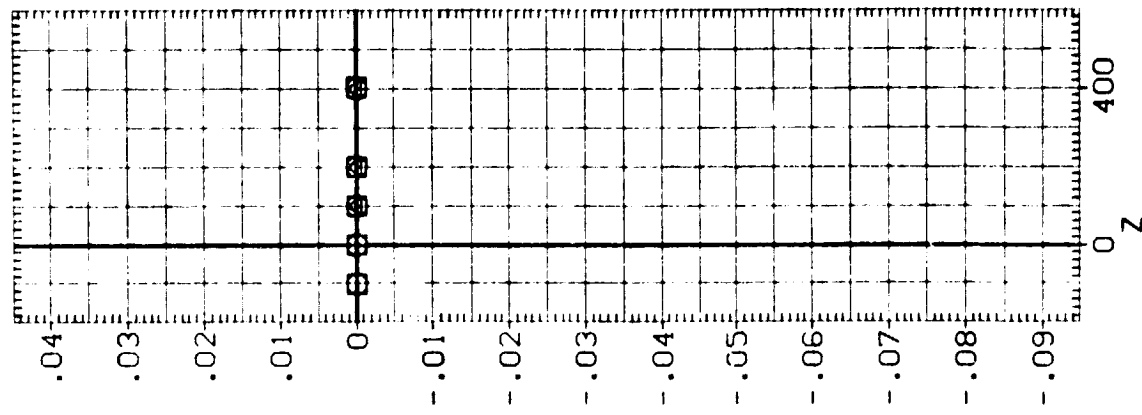
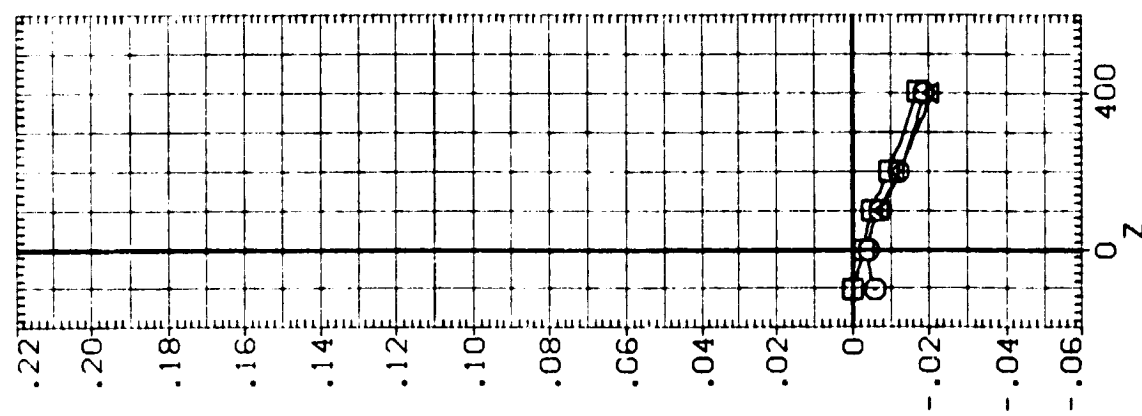
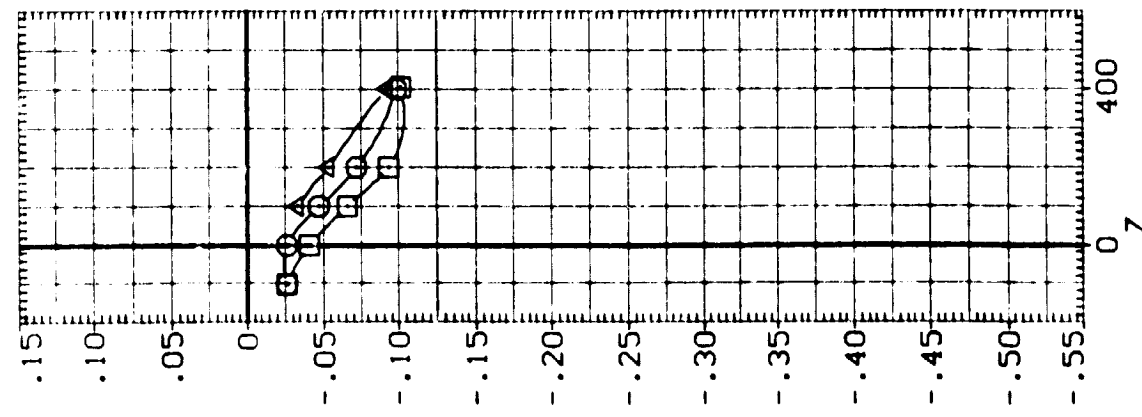


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(B)Y = -100.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(ATU210)	□	AEDC/VAS28(IAB7)-01ETIS1-L/H	SRB	SEPAR. FROM O/E/T	.100	-.100	300.000	4.520	SRF	2650.0000	50. FT.		
(ATU211)	□	AEDC/VAS28(IAB7)-01ETIS1-L/H	SRB	SEPAR. FROM O/E/T	5.100	-.100	300.000	4.520	LRF	250.3000	INCHES		
(ATU214)	□	AEDC/VAS28(IAB7)-01ETIS1-L/H	SRB	SEPAR. FROM O/E/T	-4.900	-.100	300.000	4.520	BRF	250.3000	INCHES		
									YMRP	1258.5000	IN. XS		
									ZMRP	400.0000	IN. YS		
									SCALE	.0100	IN. ZS		

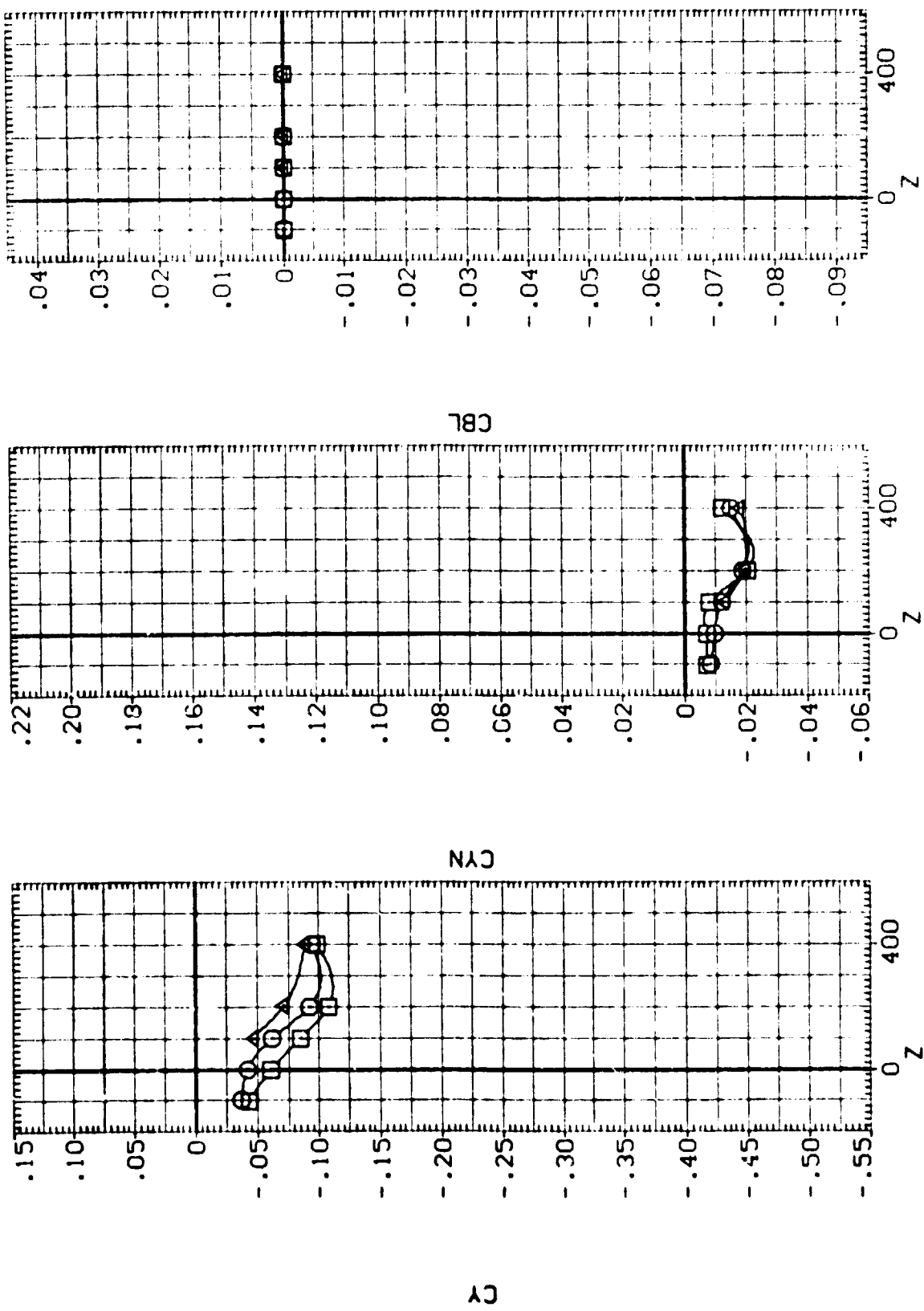


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=10.2 BETA=11.0)

(C)Y = -200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DOETA	X	MACH	REFERENCE INFORMATION
(ATU215)	AEDC/VAS28(1A67)-01ET151-L/H	SRB SEPAR. FROM O/E/T	.100	3.900	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU218)	AEDC/VAS28(1A67)-01ET151-L/H	SRB SEPAR. FROM O/E/T	5.100	3.900	.000	4.520	LRF 1290.3000 INCHES
(ATU219)	AEDC/VAS28(1A67)-01ET151-L/H	SRB SEPAR. FROM O/E/T	-4.900	3.900	.090	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP .0000 IN. ZS
							SCALE .0100

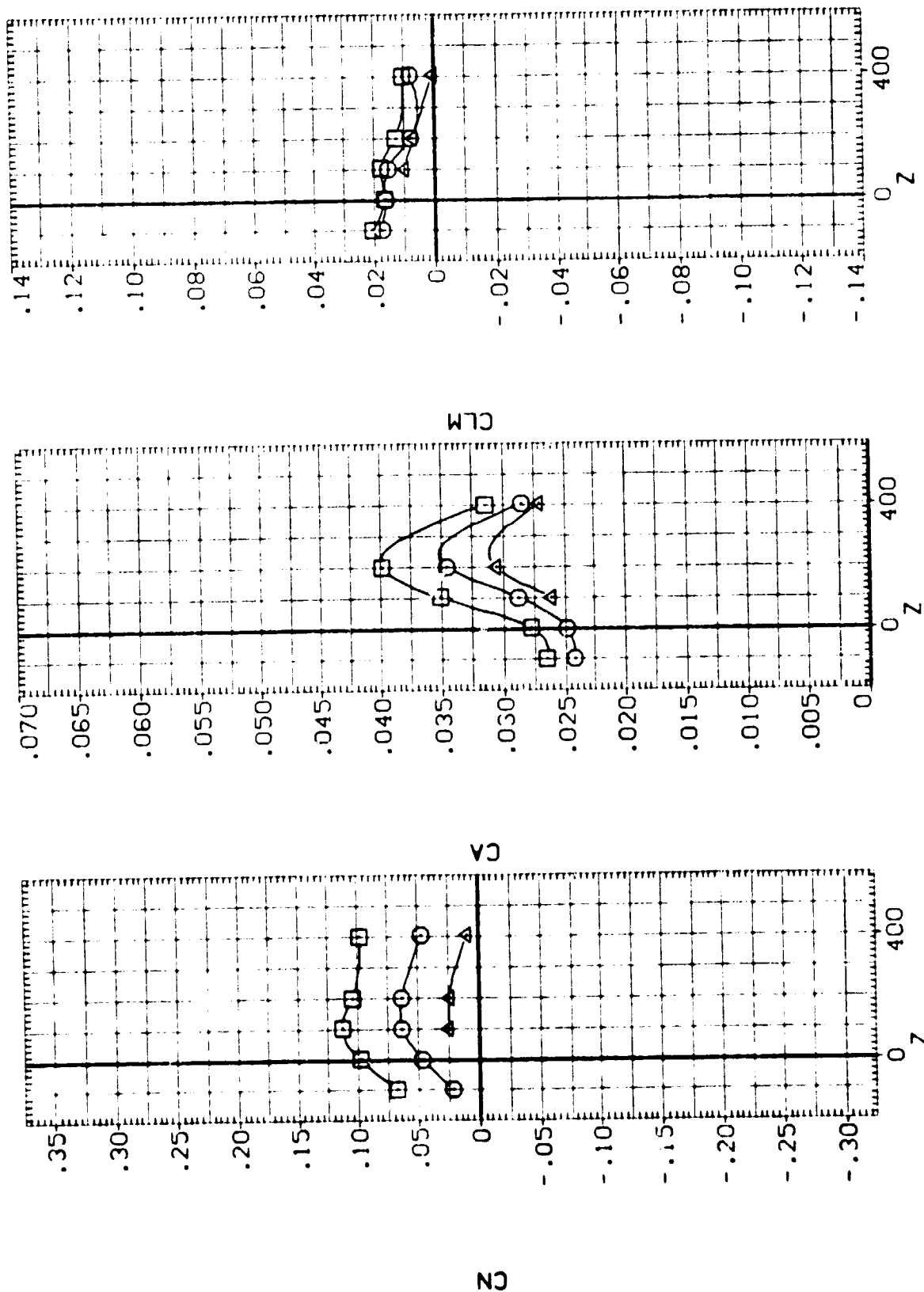


FIG 1" LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=10.2 BETA=11.0)

(A)Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU215)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/EET	.100	3.900	.000	4.520	SRF 2500.0000 SQ.FT.
(ATU218)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/EET	5.100	3.900	.000	4.520	SRF 1250.3000 INCHES
(ATU219)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/EET	-4.900	3.900	.000	4.520	SRF 1250.3000 INCHES
							XMRP 258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

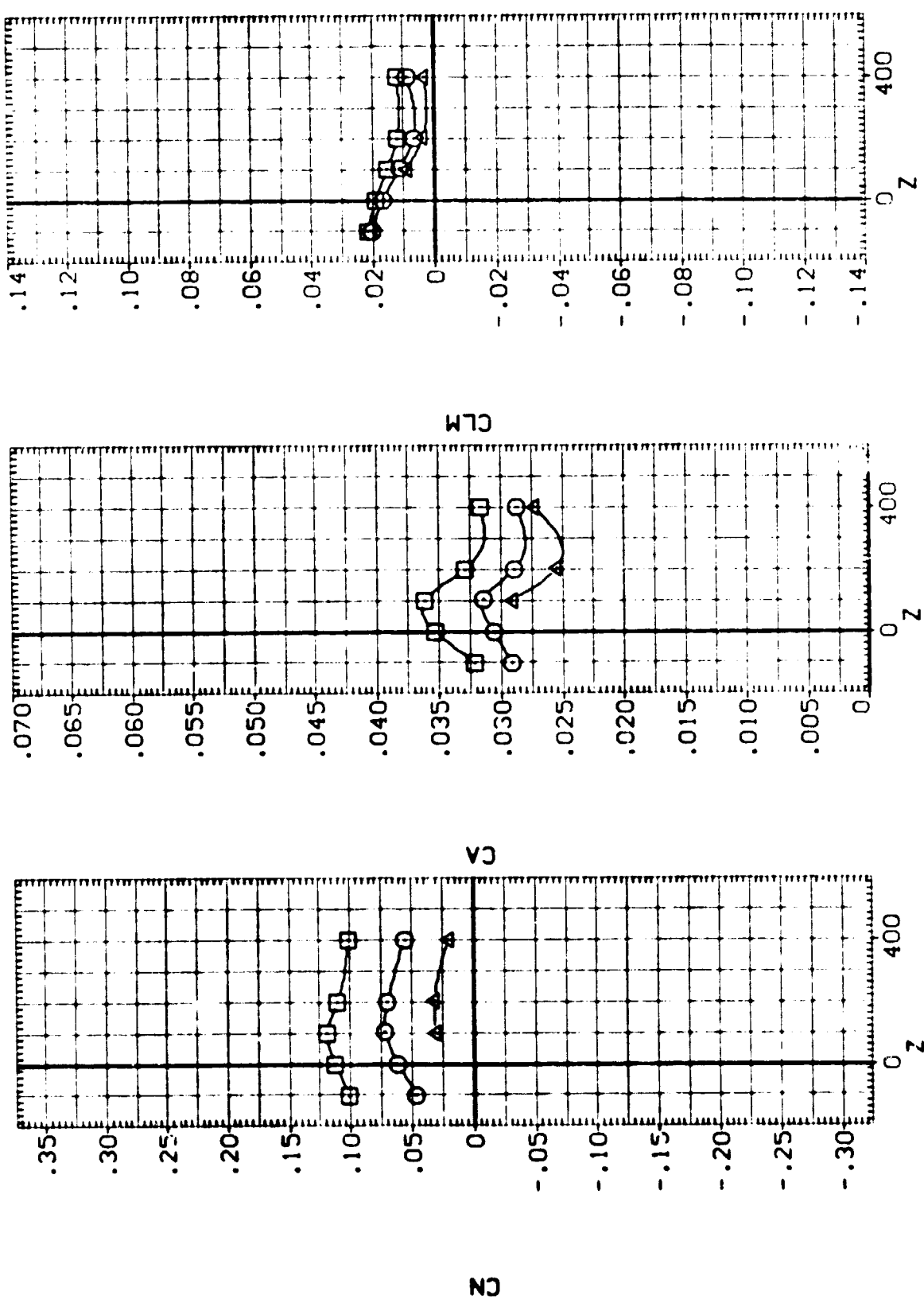


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/EET (ALPHA=10.2 BETA=11.0)

(B)Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU215)	AEDC/VA528(1A87)-O/E/T151-L/H	SRB SEPAR. FROM O/E/T	1.00	3.900	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU218)	AEDC/VA528(1A87)-O/E/T151-L/H	SRB SEPAR. FROM O/E/T	5.100	3.900	.000	4.520	LREF 1290.3000 INCHES
(ATU219)	AEDC/VA528(1A87)-O/E/T151-L/H	SRB SEPAR. FROM O/E/T	-4.900	3.900	.000	4.520	BREF 1290.3000 INCHES
							YMRP 125.5000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

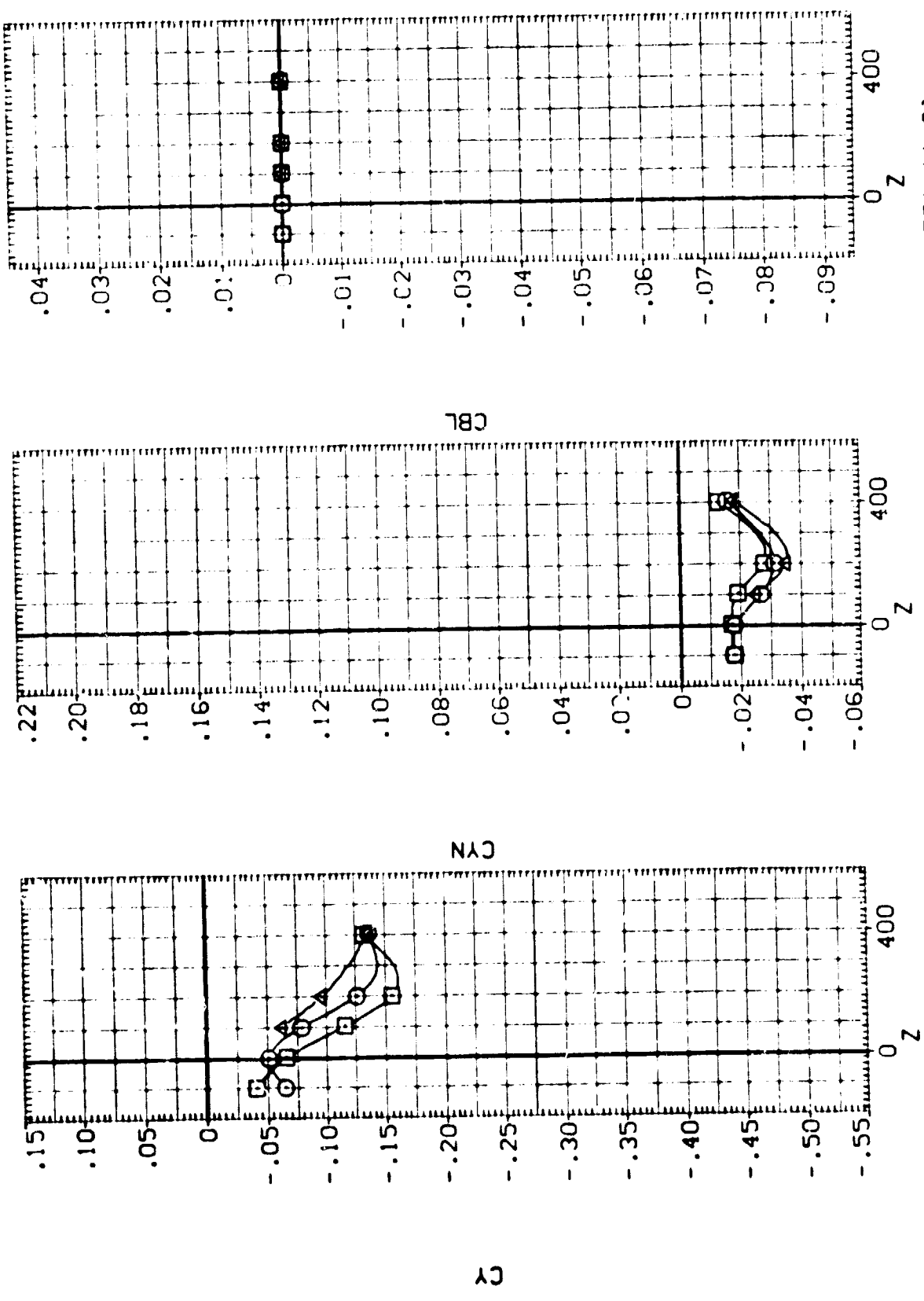


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=10.2 BETA=11.0)

(A)Y = -100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DBETA	X	MACH	REFERENCE INFORMATION
(ATU215)	AEDC/VAS28(IAB7)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	3.900	.000	4.520	SREF 2690.0000 SO.FT.
(ATU218)	AEDC/VAS28(IAB7)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	3.900	.000	4.520	LREF 1290.3000 INCHES
(ATU219)	AEDC/VAS28(IAB7)-01ETIS1-L/H	SRB SEPAR. FROM O/ET	-4.900	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

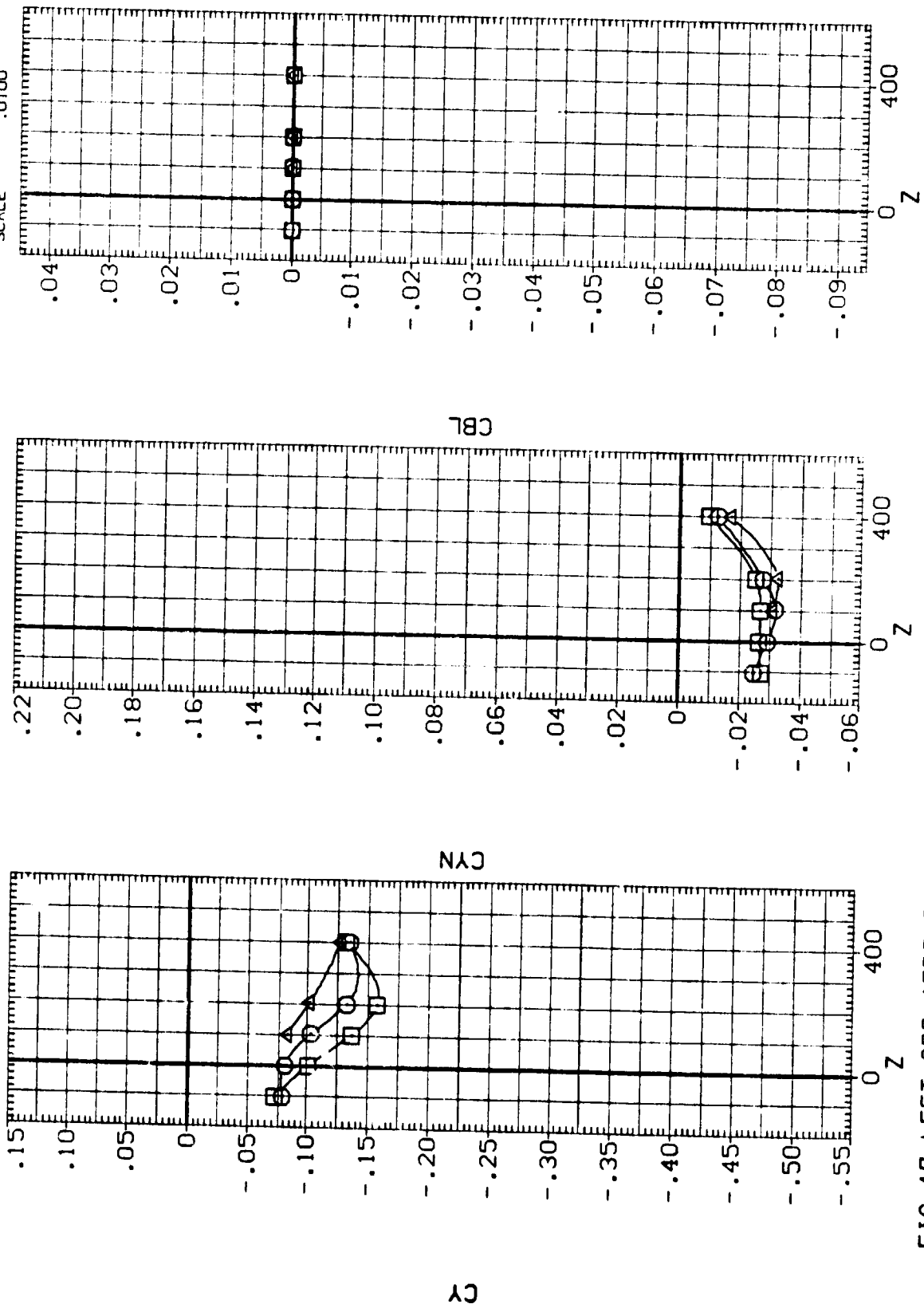


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)  
(B)Y = -200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU216)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/E/T	.100	3.900	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU217)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/E/T	5.100	3.900	300.000	4.520	LREF 1290.3000 INCHES
(ATU220)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/E/T	-4.900	3.900	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. YS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

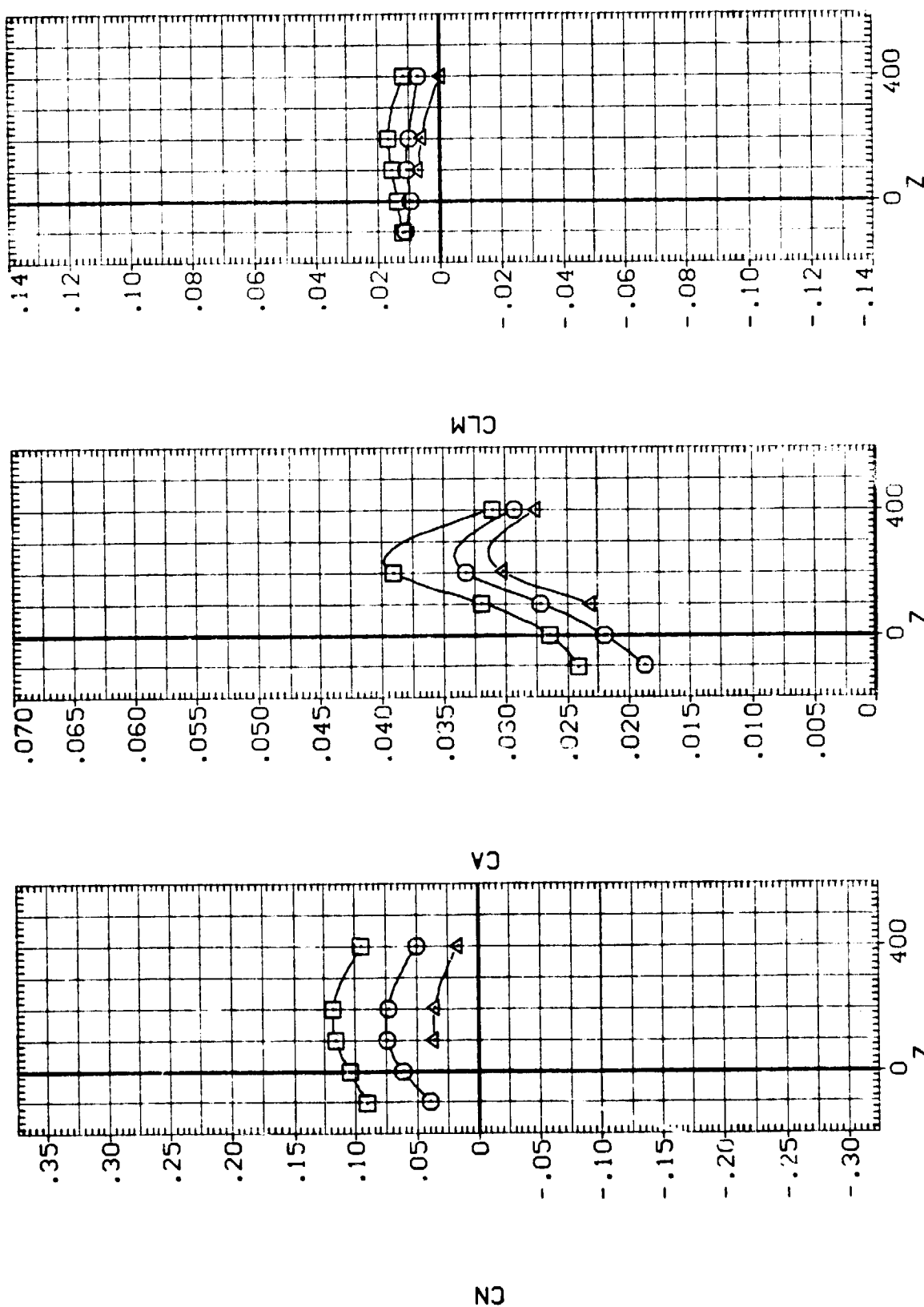


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=10.2 BETA=11.0)

(P)Y = -200.00

DATA SET SYMBOL

(ATU216)  
(ATU217)  
(ATU220)

CONFIGURATION DESCRIPTION

AEDC/VAS28(IAB7)-O1E1-S1-L/H  
AEDC/VAS28(IAB7)-O1E1-S1-L/H  
AEDC/VAS28(IAB7)-O1E1-S1-L/H

SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET  
SRB SEPAR. FROM O/ET

DALPHA  
.100  
5.100  
-4.900

DBETA  
3.900  
3.900  
3.900

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INCH  
SREF 2690.0000 SQ.FT.  
LREF 290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP 400.0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

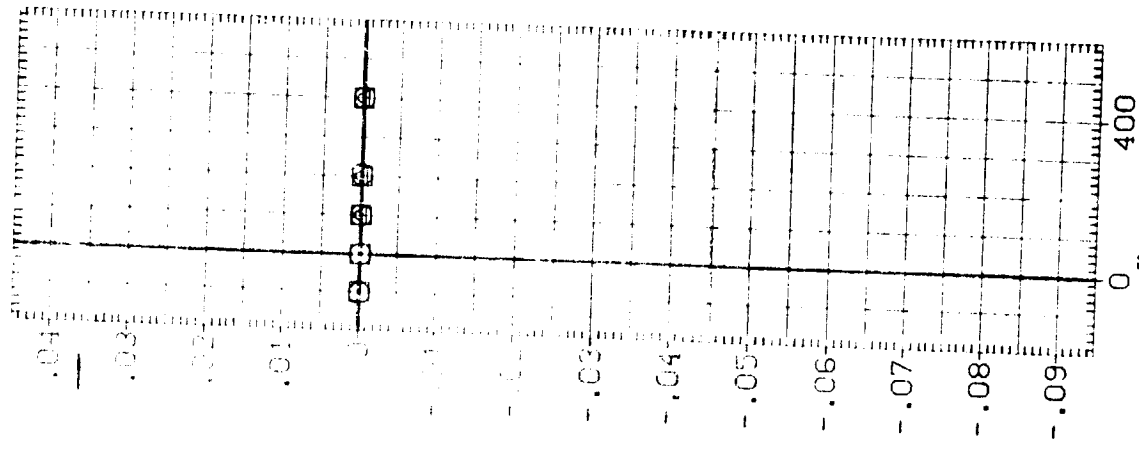
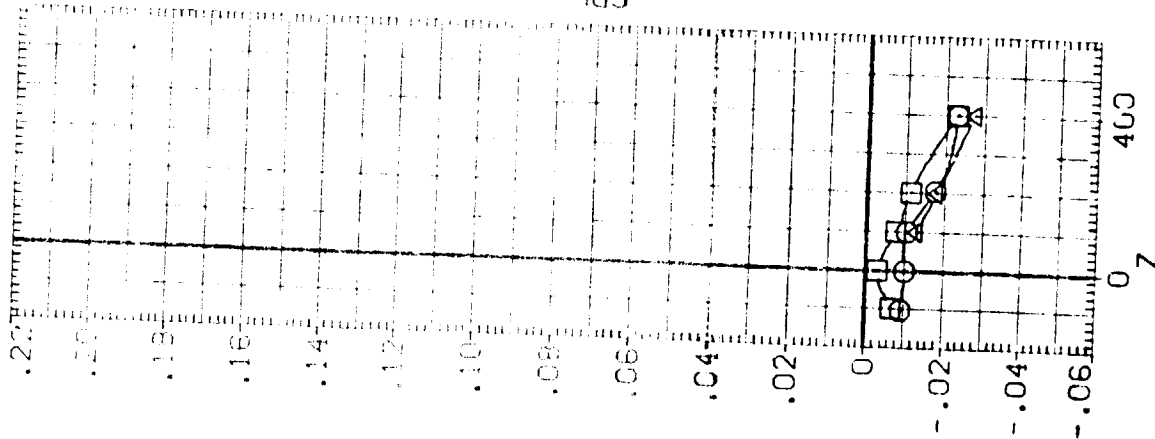
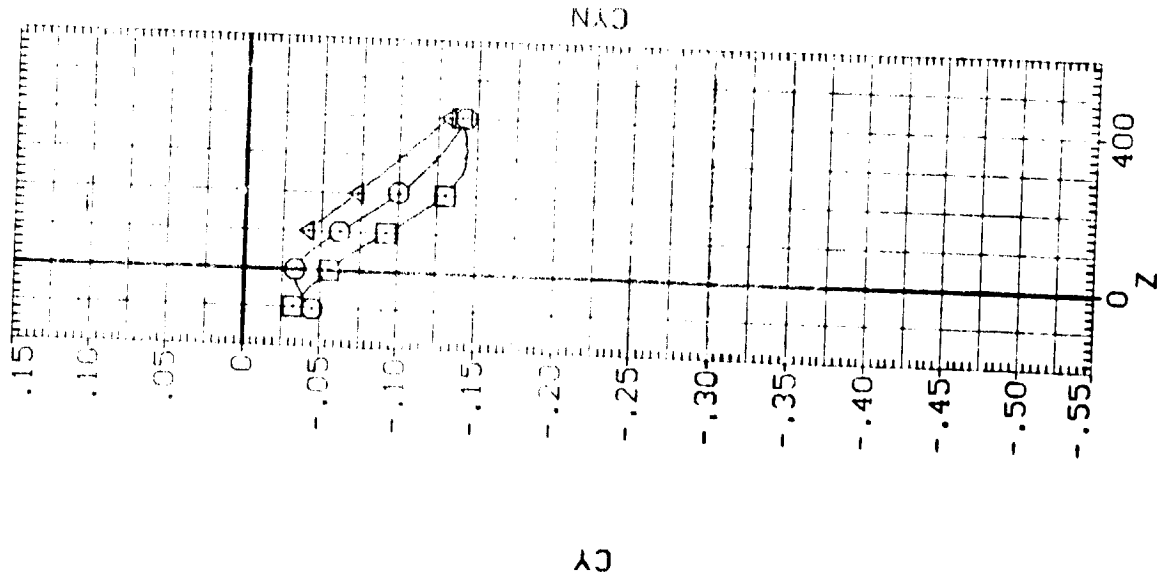



FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(A)Y = -100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU216)  AEDC/VAS28(1A87)-01ET1S1-L/H SRB SEPAR. FROM 0/ET

(ATU217)  AEDC/VAS28(1A87)-01ET1S1-L/H SRB SEPAR. FROM 0/ET

(ATU220)  AEDC/VAS28(1A87)-01ET1S1-L/H SRB SEPAR. FROM 0/ET

DALPHA DBETA X MACH

3.900  
3.900  
3.900

4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

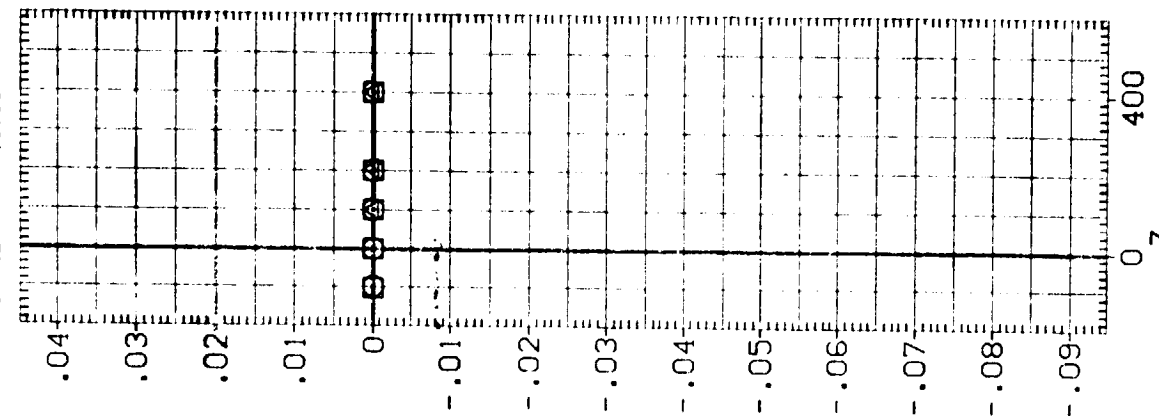
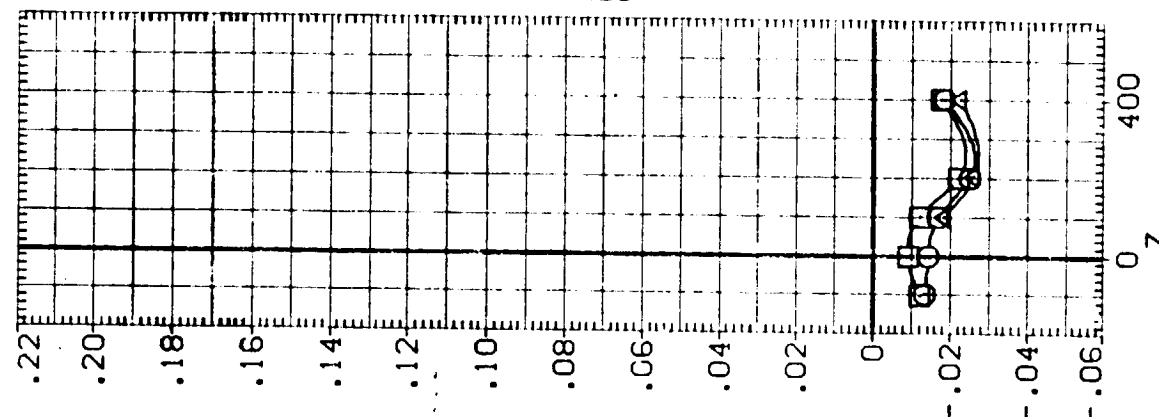
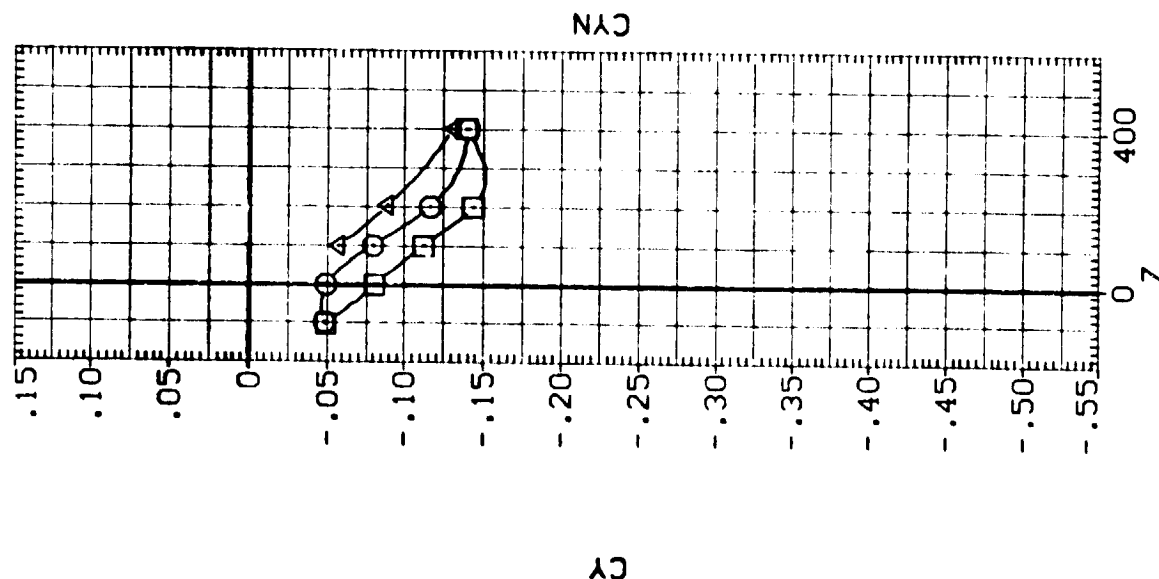


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=10.2 BETA=11.0)

(8) Y = -200.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(ATU221)	□	AEDC/VA528(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	.100	8.000	.000	4.520	SREF	2690.0000	SQ.FT.			
(ATU224)	○	AEDC/VA528(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	.5100	8.000	.000	4.520	LREF	1290.3000	INCHES			
(ATU225)	△	AEDC/VA528(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/ET	-4.900	8.000	.000	4.520	BREF	1290.3000	INCHES			
								XMRP	1258.5000	IN. XS			
								YMRP	.0000	IN. YS			
								ZMRP	400.0000	IN. ZS			
								SCALE	.0100				

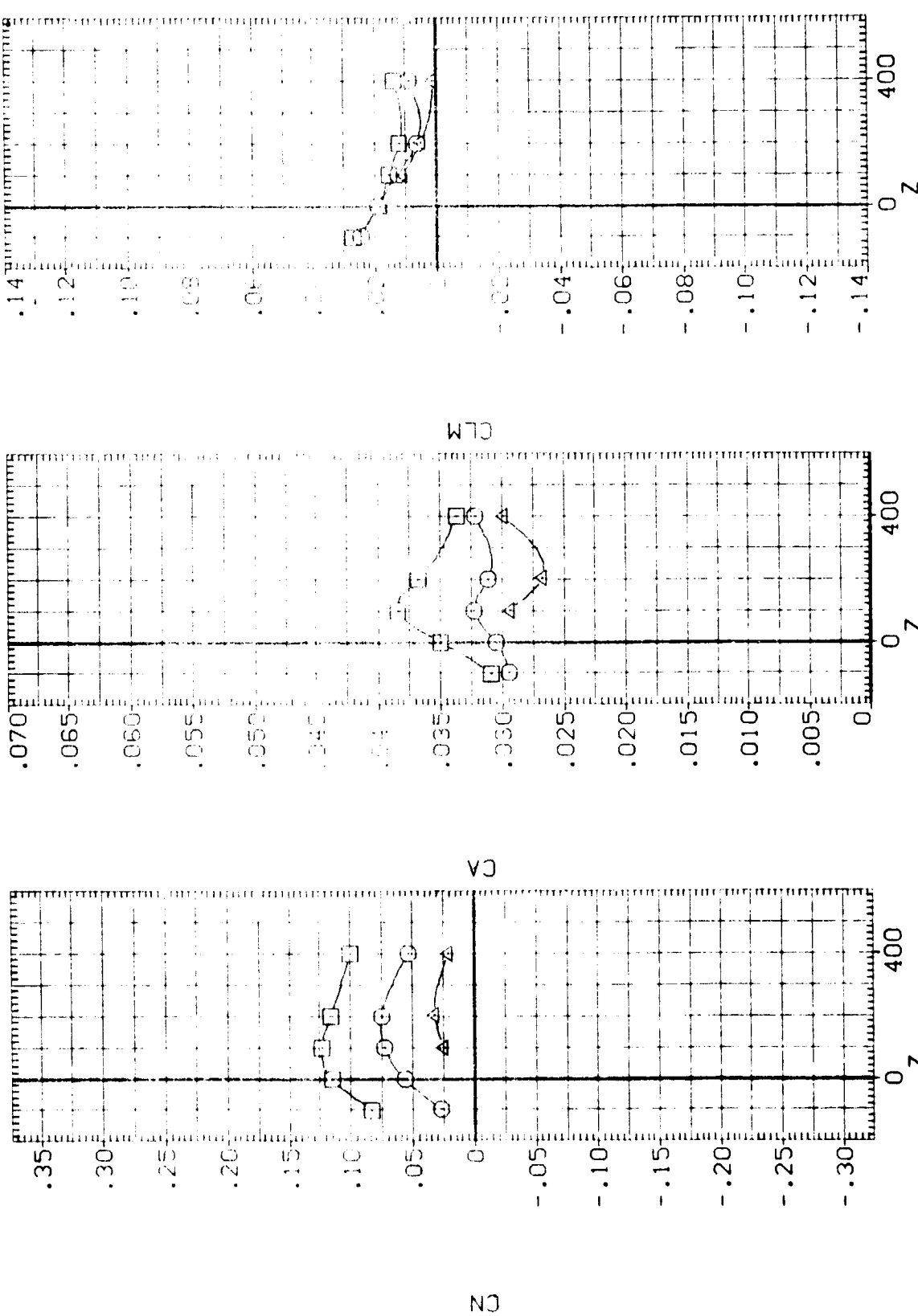


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)

(A)Y = -200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU221) AEDC/VAS28(1A87)-01ETISI-L/H  
 (ATU224) AEDC/VAS28(1A87)-01ETISI-L/H  
 (ATU225) AEDC/VAS28(1A87)-01ETISI-L/H

MACH X DBETA DALPHA SRB SEPAR. FROM O/ET SRB SEPAR. FROM O/ET SRB SEPAR. FROM O/ET  
 4.520 .000 .000 .100 .100 .100  
 4.520 .000 .000 5.100 5.100 5.100  
 4.520 .000 .000 -4.900 -4.900 -4.900

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

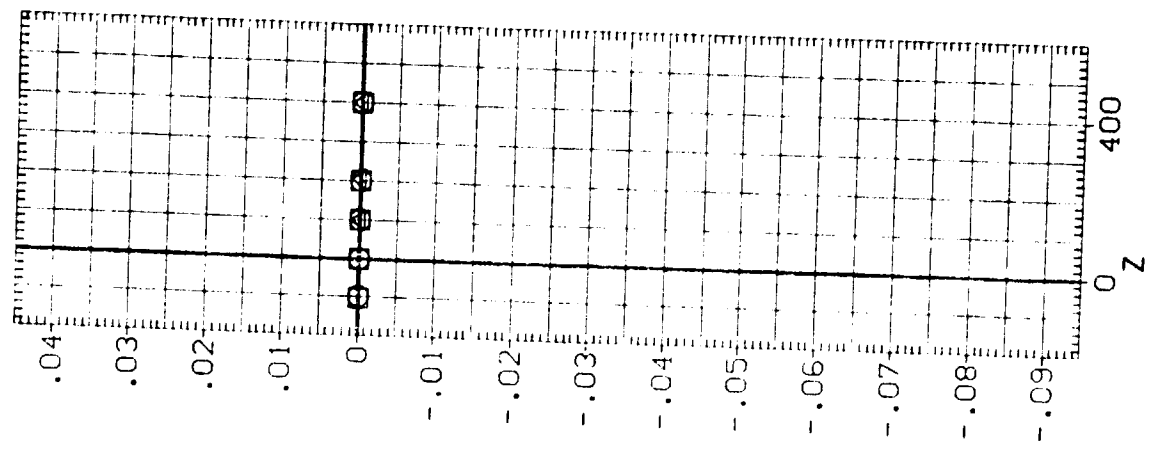
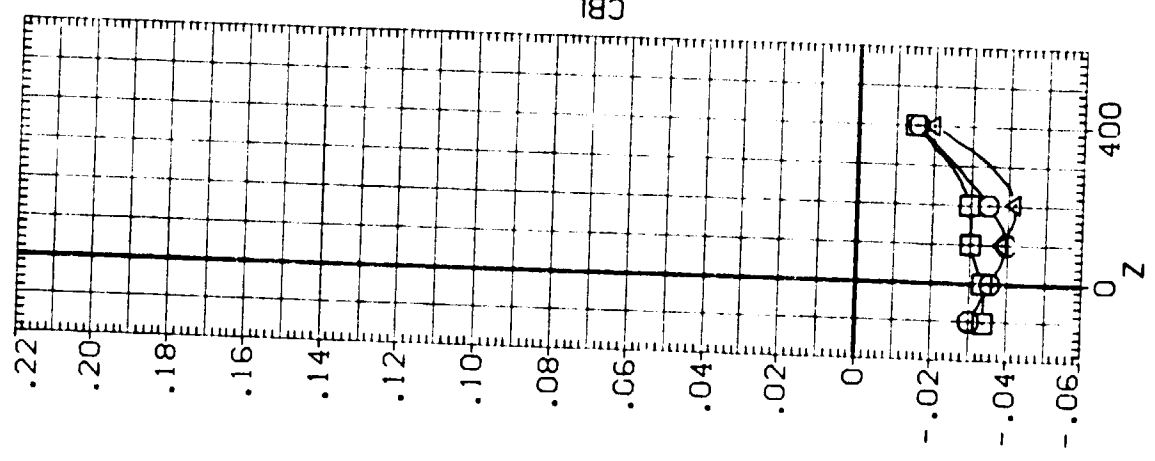
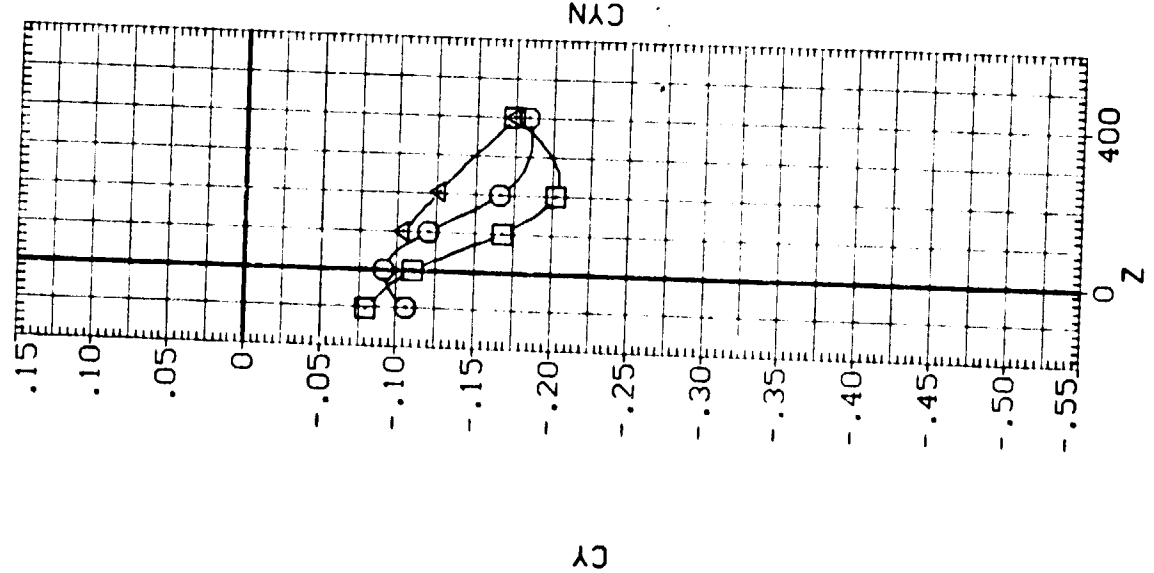


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)  
 (A) Y = -200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU222)	AEDC/VAS28 (A87)-O1ETIS1-L/H	SRB SEPAR. FROM O/ET	.100	8.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU223)	AEDC/VAS28 (A87)-O1ETIS1-L/H	SRB SEPAR. FROM O/ET	5.100	8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU226)	AEDC/VAS28 (A87)-O1ETIS1-L/H	SRB SEPAR. FROM O/ET	-4.900	8.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

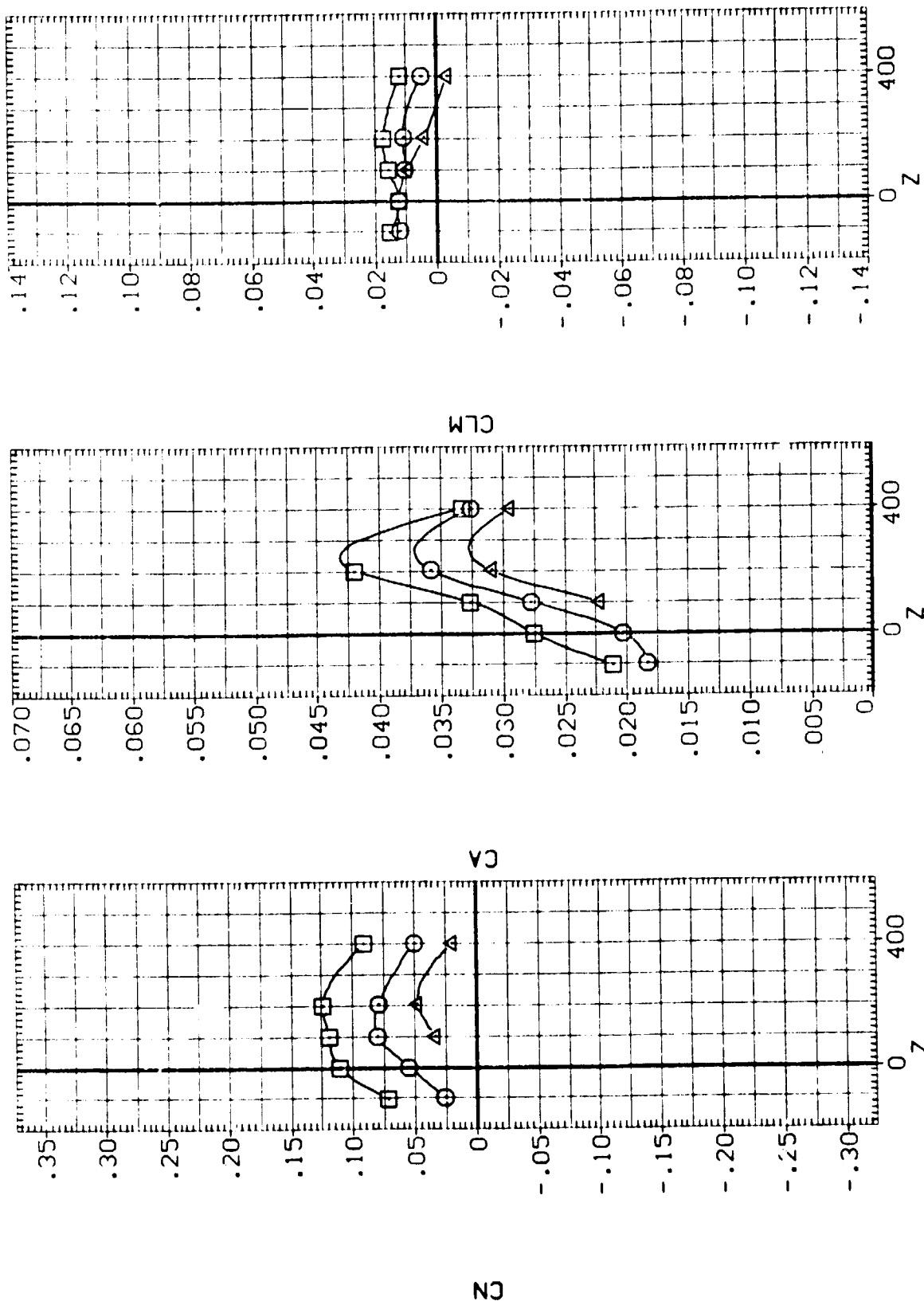


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.2 BETA=11.0)



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU222)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB	.100	8.000	300.000	4.520	SREF 26x0.0000 SQ.FT.
(ATU223)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB	5.100	8.000	300.000	4.520	LREF 12x0.3000 INCHES
(ATU226)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB	-4.900	8.000	300.000	4.520	BREF 12x0.3000 INCHES
							YMRP 12x0.5000 IN. XS
							ZMRP 400.0000 IN. YS
							SCALE .0100

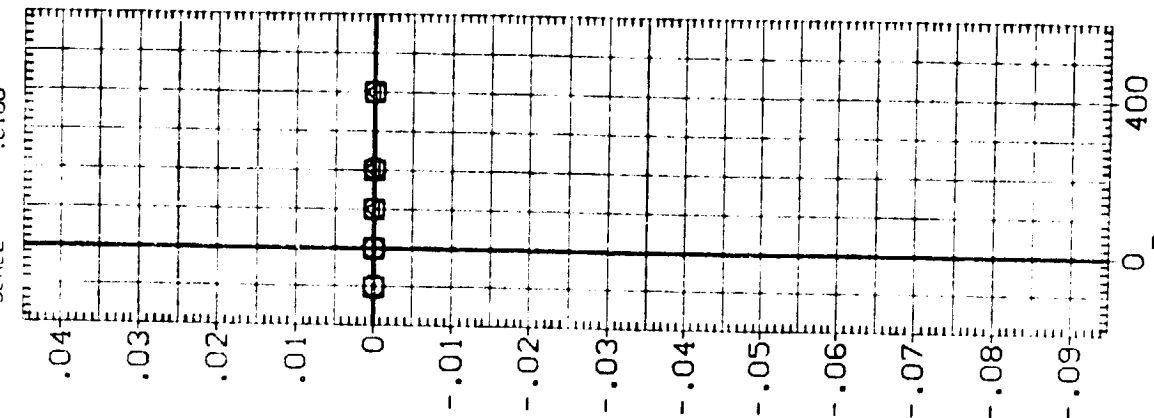
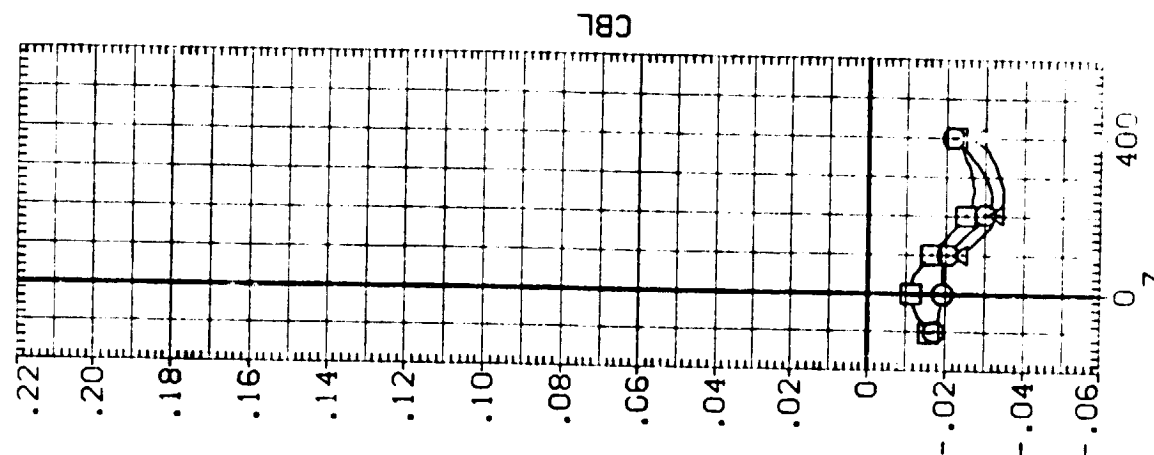
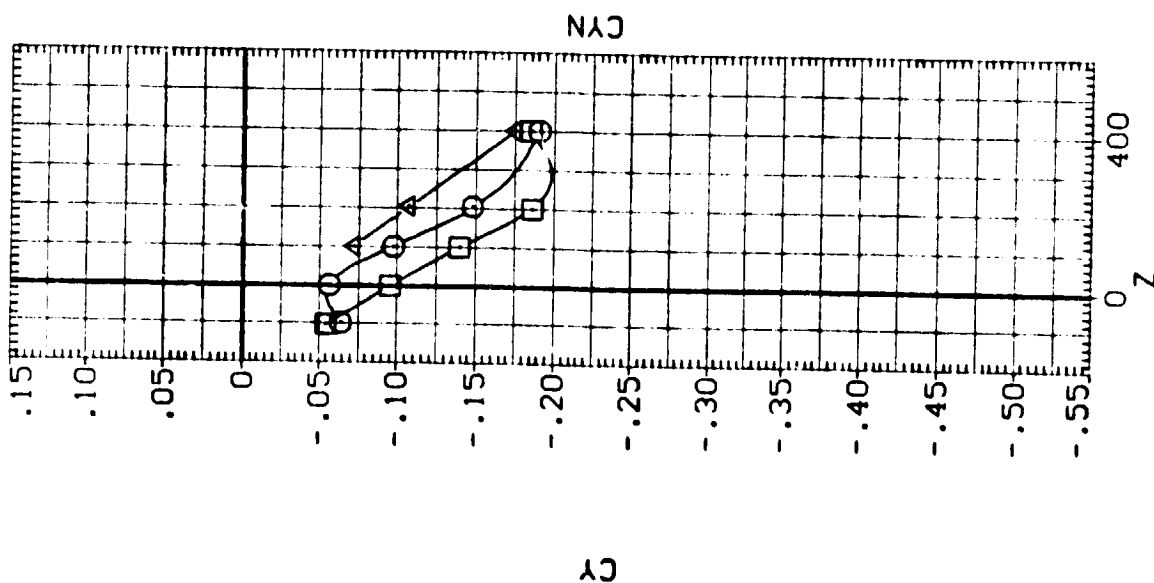


FIG 17 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=10.2 BETA=11.0)

(A)Y = -200.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DALPHA		DBETA		MACH		REFERENCE INFORMATION	
(ATU247)	□	AEDC/VAS28(1A87)-01ET:SI-L/H	SRB SEPAR. FROM O/ET	-.200	-.100	4.520	.000	SRF	2690.0000	SG.F.T.	
(ATU250)	○	AEDC/VAS28(1A87)-01ET:SI-L/H	SRB SEPAR. FROM O/ET	-.200	-.100	4.520	.000	LREF	1290.3000	INCHES	
(ATU265)	△	AEDC/VAS28(1A87)-01ET:SI-L/H	SRB SEPAR. FROM O/ET	-.4.900	-.100	4.520	.000	BREF	1290.3000	INCHES	
								YMRP	1258.5000	IN. XS	
								ZMRP	.0000	IN. YS	
								SCALE	400.0000	IN. ZS	
									.0100		

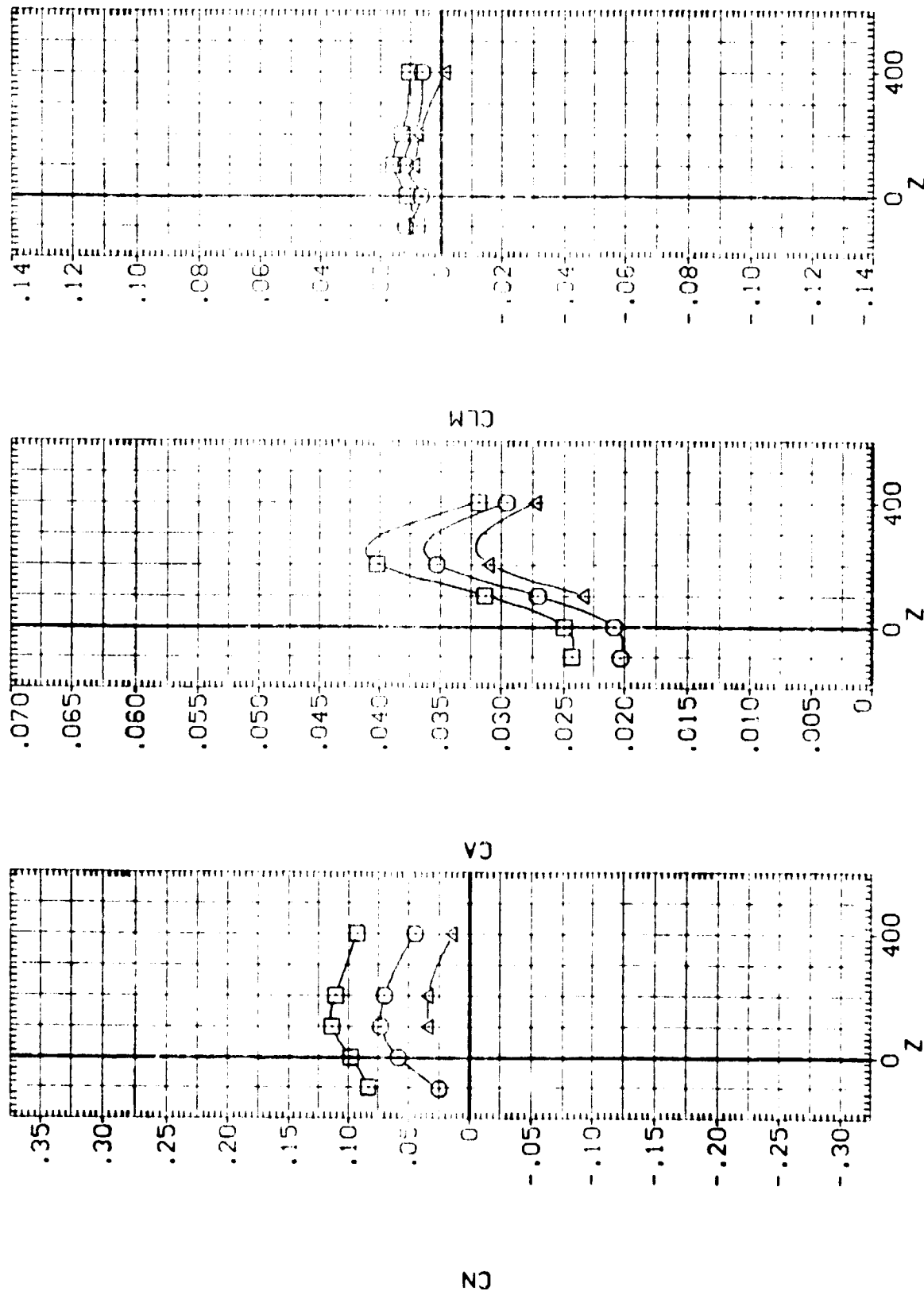


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(A)Y = -100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU247) AEDC/VAS28(1A87)-01ET1S1-L/H SRB  
 (ATU250) AEDC/VAS28(1A87)-01ET1S1-L/H SRB  
 (ATU265) AEDC/VAS28(1A87)-01ET1S1-L/H SRB

SEPAR. FROM O/ET SEPAR. FROM O/ET  
 SRB SRB  
 DALPHA DBETA X MACH REFERENCE INFORMATION  
 .200 -.100 .000 4.520 2690.0000 SO.FT.  
 5.200 -.100 .000 4.520 1290.3000 INCHES  
 -4.900 -.100 .000 4.520 1290.3000 INCHES  
 XMRP YMRP ZMRP SCALE  
 .0000 .0000 .0000 .0100  
 IN. XS IN. YS IN. ZS

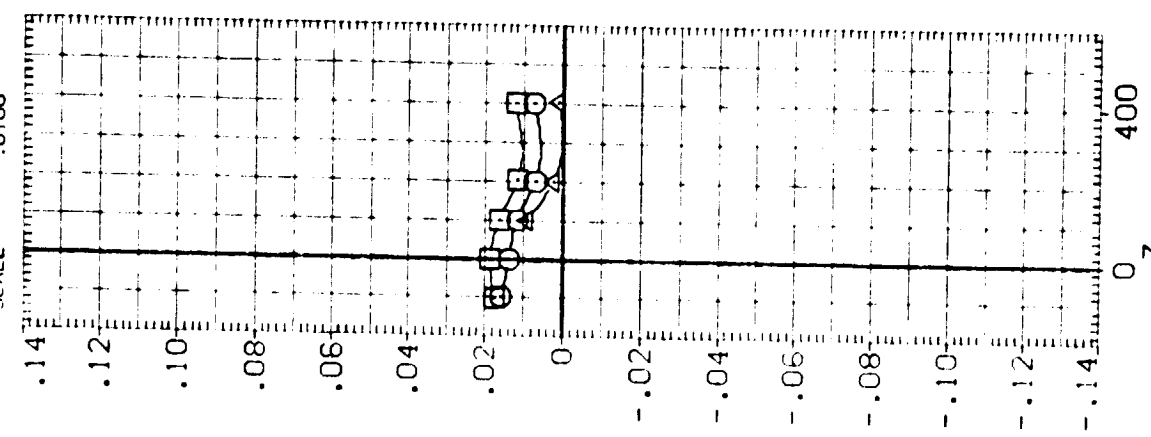
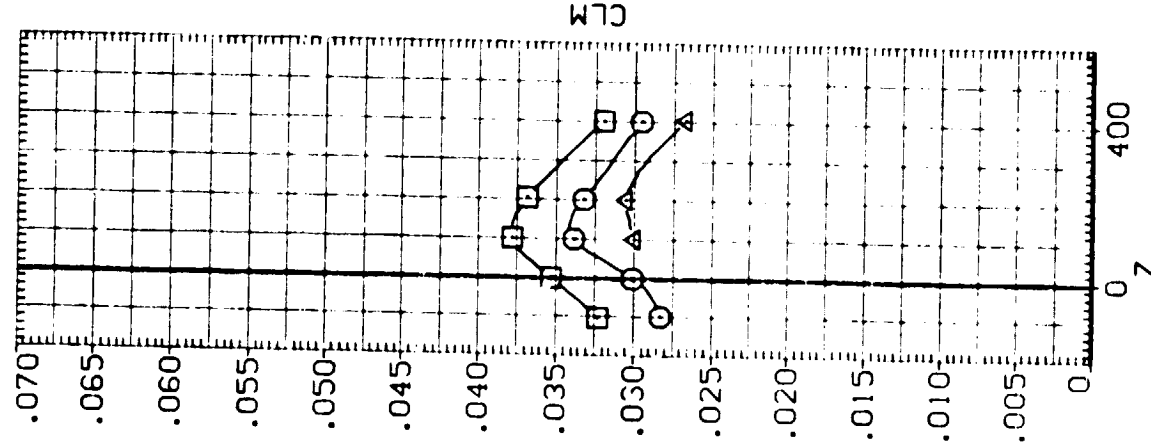
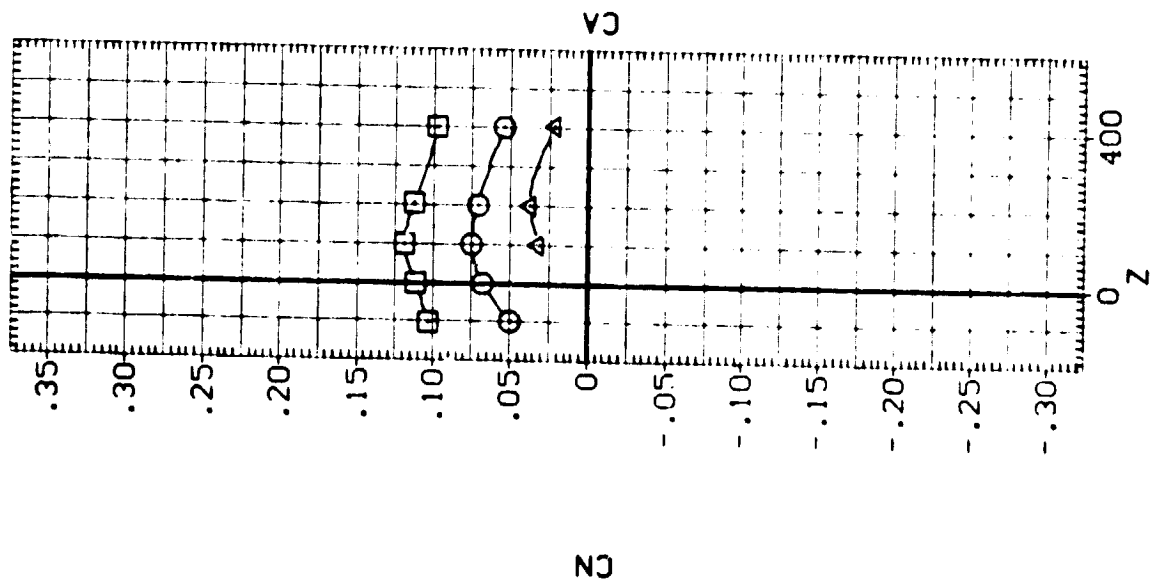


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(B)Y = -200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU247) AEDC/VAS28(IAB7)-O1ETIS1-L/H SRB SEPAR. FROM O/ET  
 (ATU250) AEDC/VAS28(IAB7)-O1ETIS1-L/H SRB SEPAR. FROM O/ET  
 (ATU265) AEDC/VAS28(IAB7)-O1ETIS1-L/H SRB SEPAR. FROM O/ET

MACH X DALPHA DBETA  
 4.520 .000 .200  
 4.520 .000 .100  
 4.520 .000 .100

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

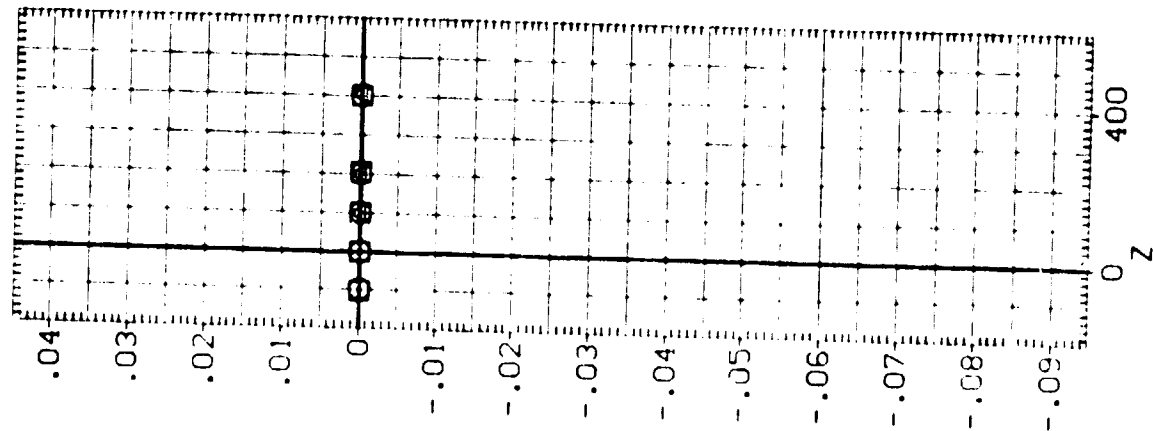
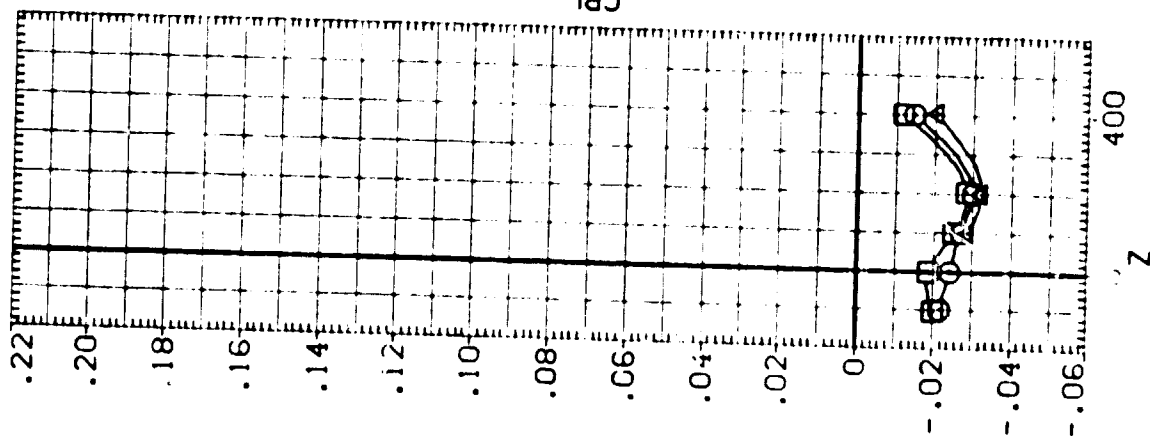
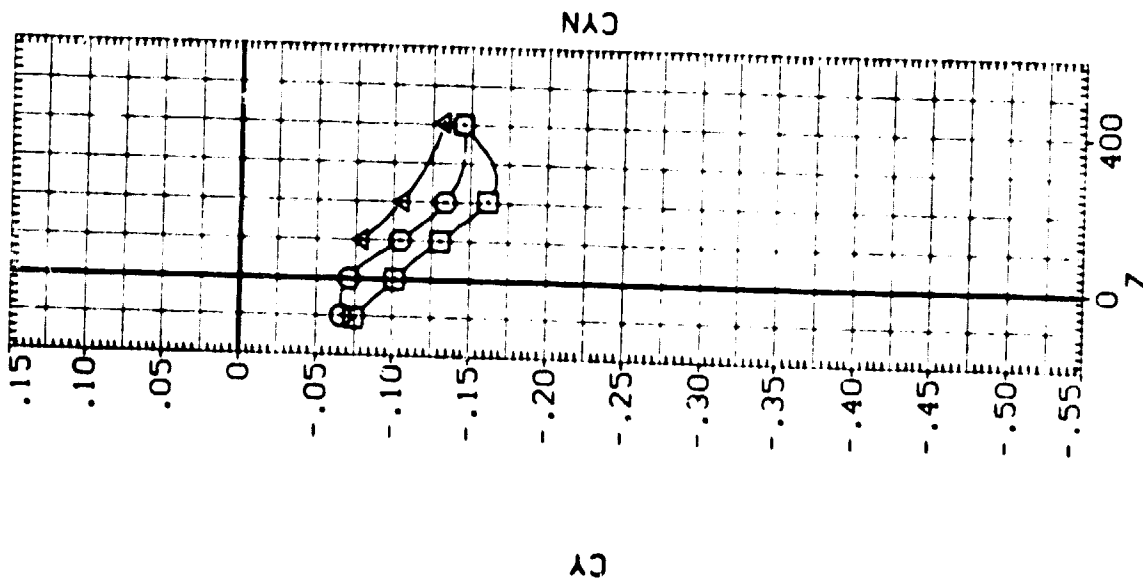


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)  
 (B)Y = -200.00

DATA SET SYMBOL

(AT0248)  
(AT0249)  
(AT0252)

DESCRIPTION

AB77-01ET151-151M  
AB77-01ET151-151M  
AB77-01ET151-151M

ALPHA

.200  
5.200  
-4.900

BETA

1.00  
1.00  
1.00

MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 25.00 0000 50.00  
LREF 14.50 0000 100.00  
BREF 12.50 0000 100.00  
XREF 11.58 5000 100.00  
YREF 00.00 0000 100.00  
ZREF 400.0000 100.00  
SCALE 0.0100

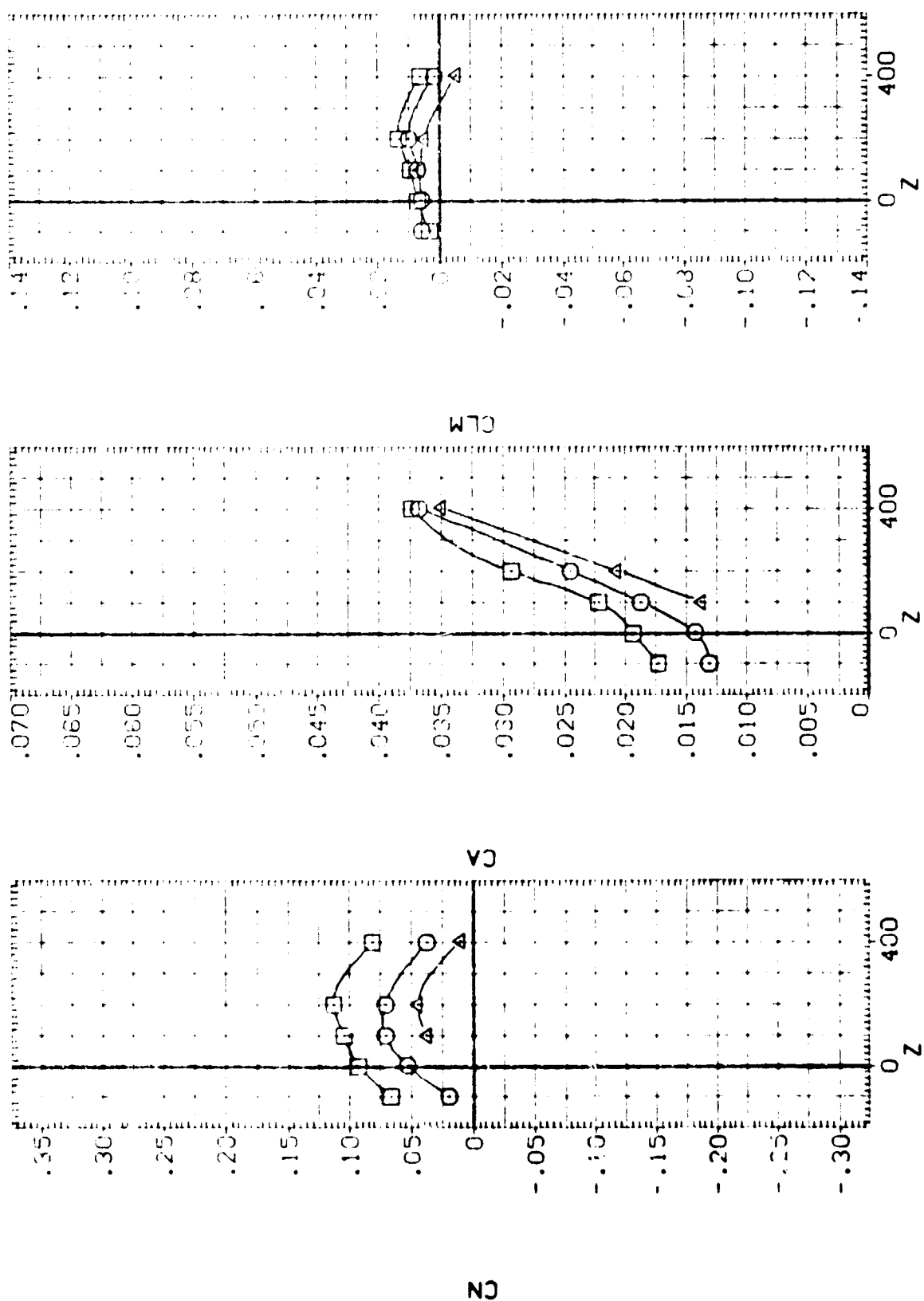


FIG 18 LEFT SRB AERO CHARACTER. SEPARATING FROM O/ET (ALPHA=10.0 BETA=5.8)

(A) Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATL248)	AEDC/VA528(1A87)-01ETISI-L/H	.200	-.100	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU249)	AEDC/VA528(1A87)-01ETISI-L/H	5.200	-.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU252)	AEDC/VA528(1A87)-01ETISI-L/H	-4.900	-.100	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1298.5000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

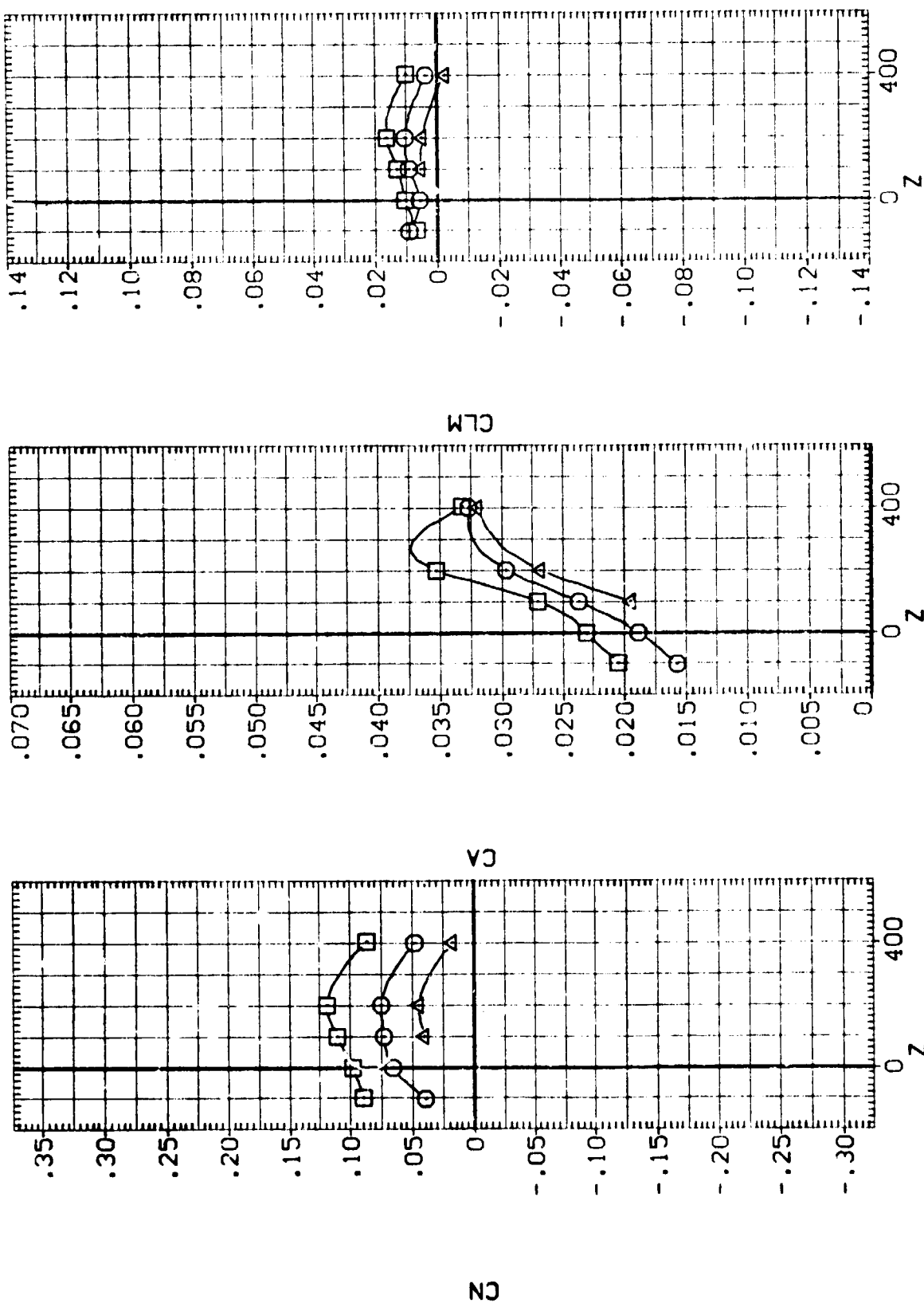


FIG 18 LEFT SRB AERO CHARACTERISTICS, SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(B)Y --200.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRRB SEPAR. FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU248)	AEDC/VAS28(1A87)-01ETISI-L/H	SRRB SEPAR. FROM 0/ET	.200	-.100	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU249)	AEDC/VAS28(1A87)-01ETISI-L/H	SRRB SEPAR. FROM 0/ET	5.200	-.100	300.000	4.520	LREF 1290.3000 INCHES
(ATU252)	AEDC/VAS28(1A87)-01ETISI-L/H	SRRB SEPAR. FROM 0/ET	-4.900	-.100	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

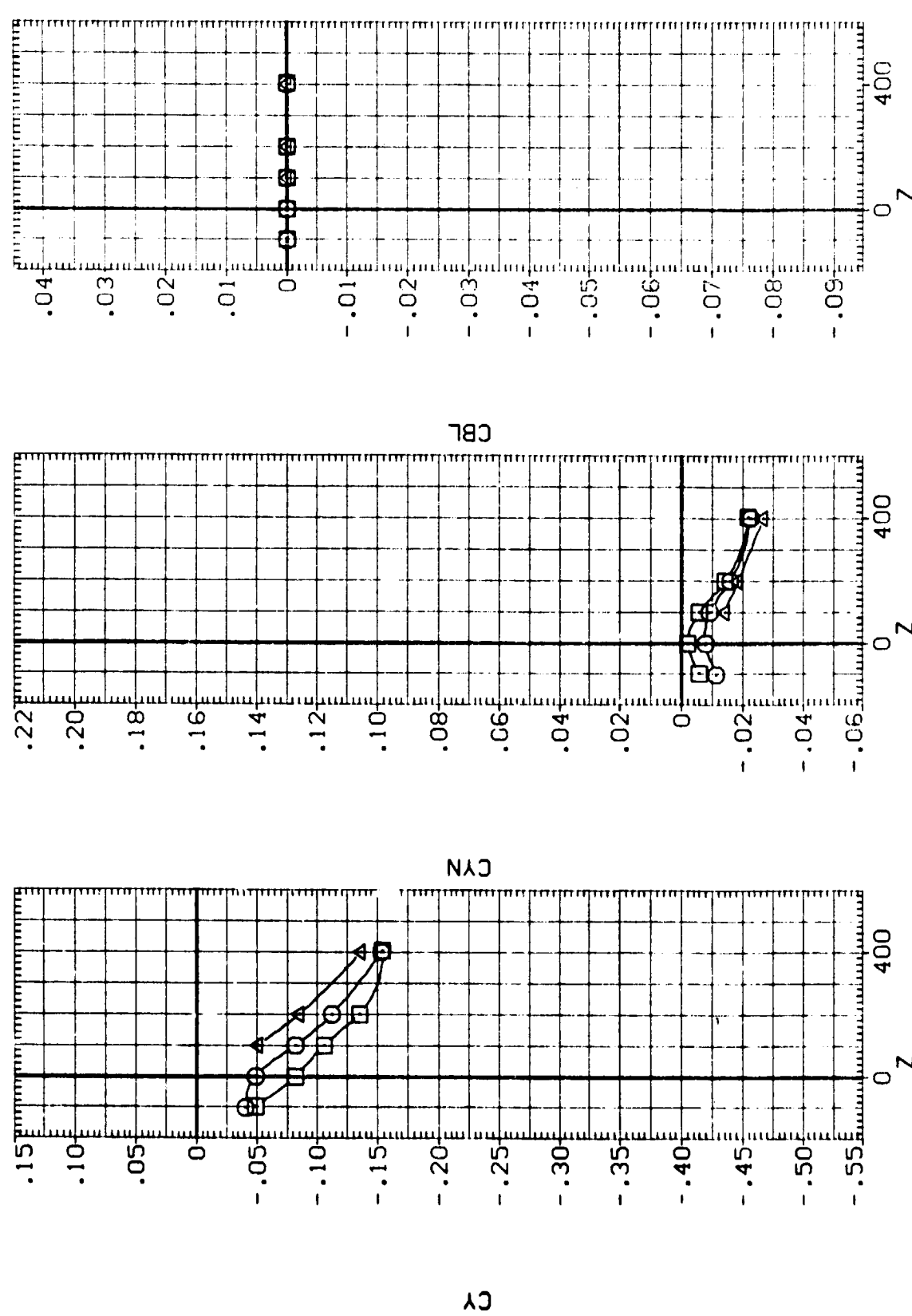


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=10.0 BETA=15.8)

(B) Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DBETA	X	MACH	REFERENCE INFORMATION
(ATU253)	AEDC/VAS281(A87)-01ETTSI-L/H	SRB	3.900	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU256)	AEDC/VAS281(A87)-01ETTSI-L/H	SRB SEPAR. FROM O/ET	5.200	.000	4.520	LREF 1290.3000 INCHES
(ATU257)	AEDC/VAS281(A87)-01ETTSI-L/H	SRB SEPAR. FROM O/ET	-4.900	.000	4.520	BREF 1290.3000 INCHES
						YMRP 1258.5000 IN. XS
						ZMRP 400.0000 IN. YS
						SCALE .0100

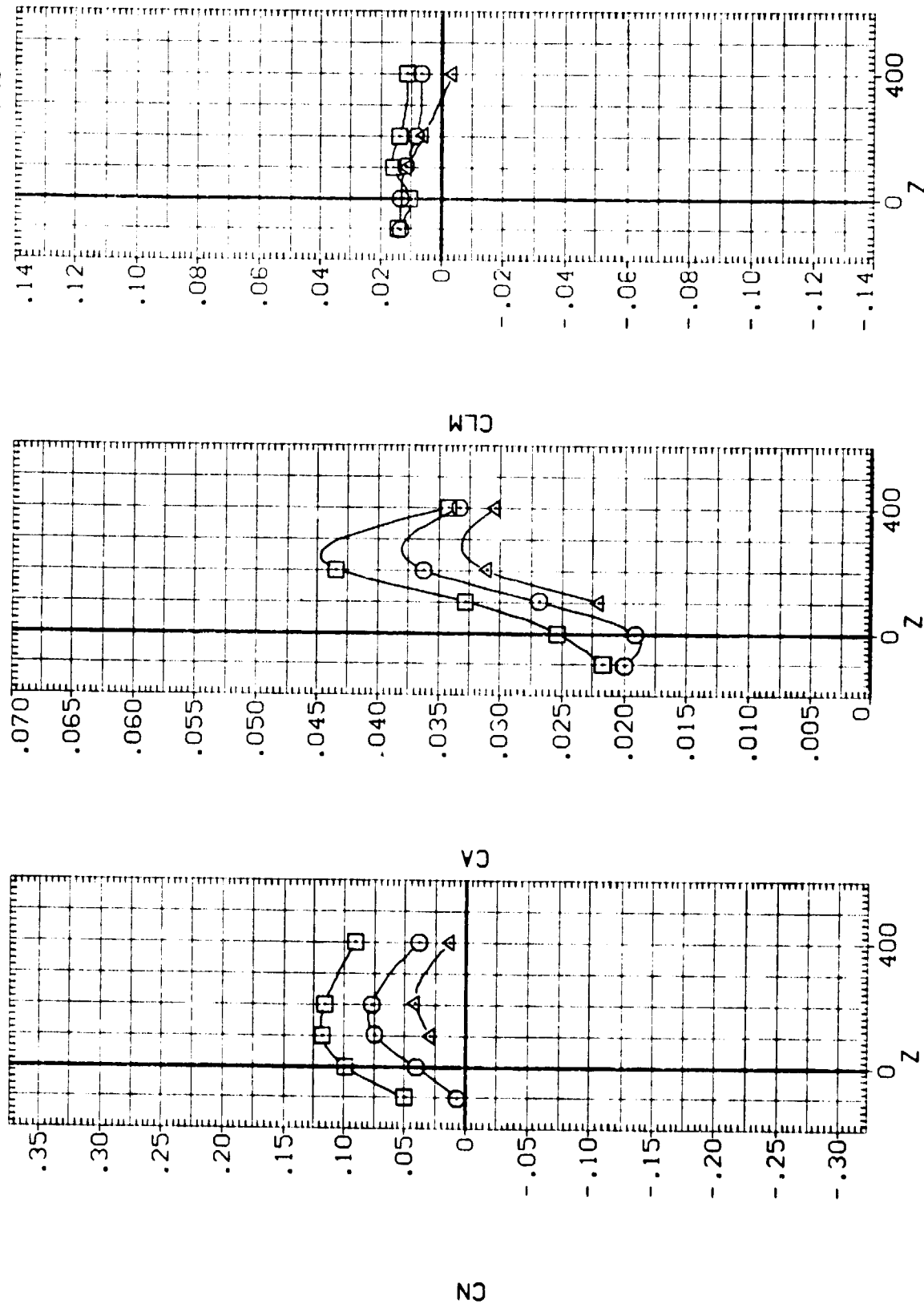


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(A)Y = -100.00

# DATA SET SYMBOL

(ATU253)  
(ATU256)  
(ATU257)

## CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-01ETIS1-L/H  
AEDC/VAS28(1A87)-01ETIS1-L/H  
AEDC/VAS28(1A87)-01ETIS1-L/H

SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET  
SRB SEPAR. FROM 0/ET

DALPHA  
-200  
-4.900

DBETA  
3.900  
3.900  
3.900

X  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1258.5000 IN. XS  
YMRP .0000 IN. YS  
ZMRP 400.0000 IN. ZS  
SCALE .0100

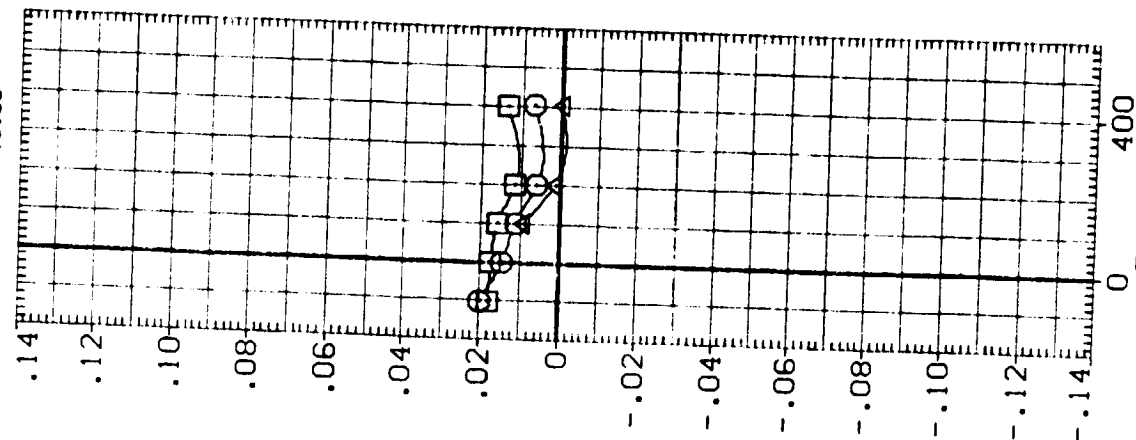
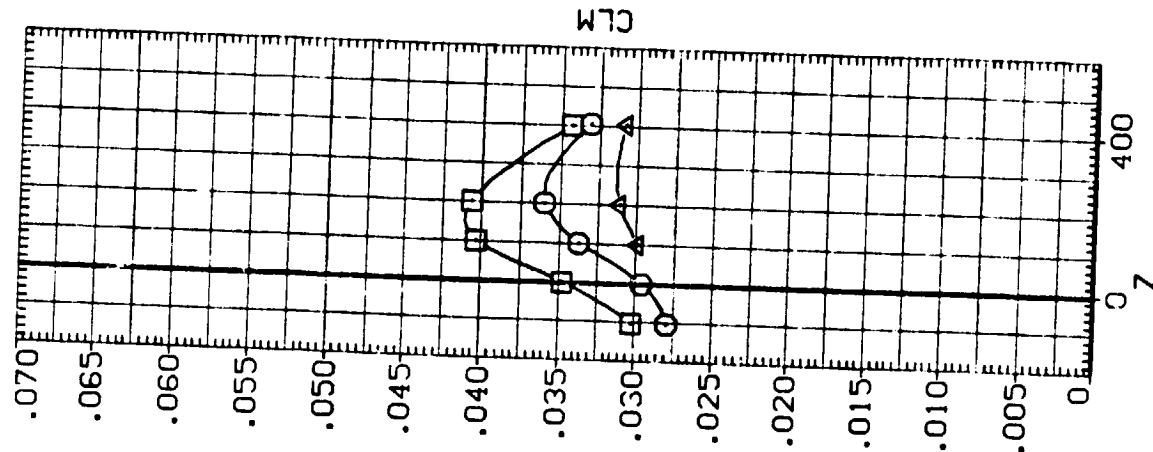
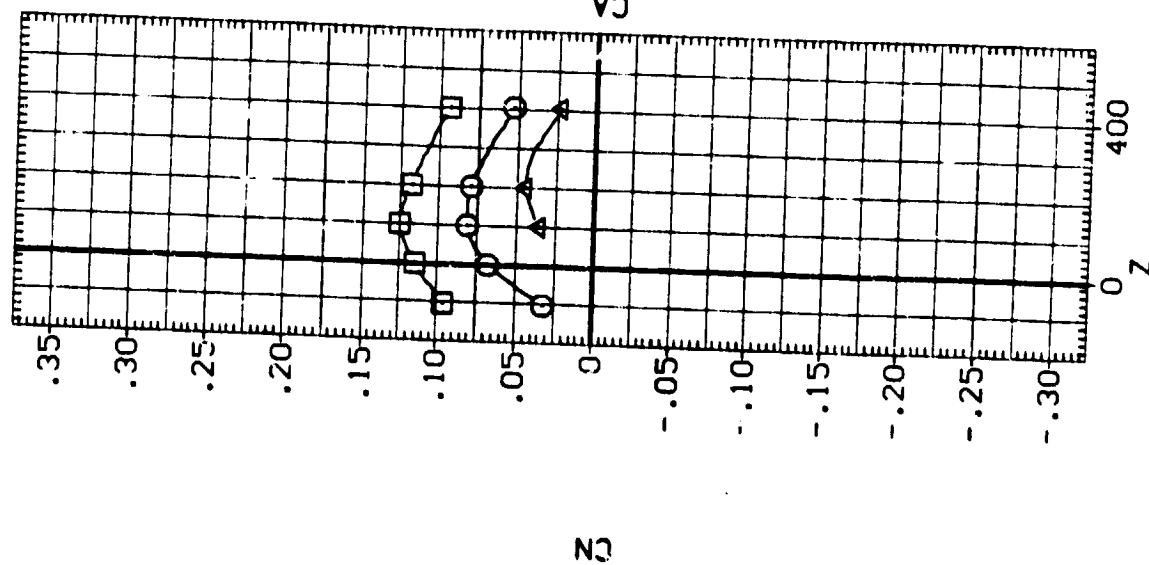


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=10.0 BETA=15.8)  
(B) Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU253)	AEDC/VA528 (A87) - OIETISI-L/H	SRB SEPAR. FROM O/ET	.200	3.900	.000	4.520	SRF 2690.0000 SO.FT.
(ATU256)	AEDC/VA528 (A87) - OIETISI-L/H	SRB SEPAR. FROM O/ET	5.200	3.900	.000	4.520	LRF 1290.3000 INCHES
(ATU257)	AEDC/VA528 (A87) - OIETISI-L/H	SRB SEPAR. FROM O/ET	-4.900	3.900	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

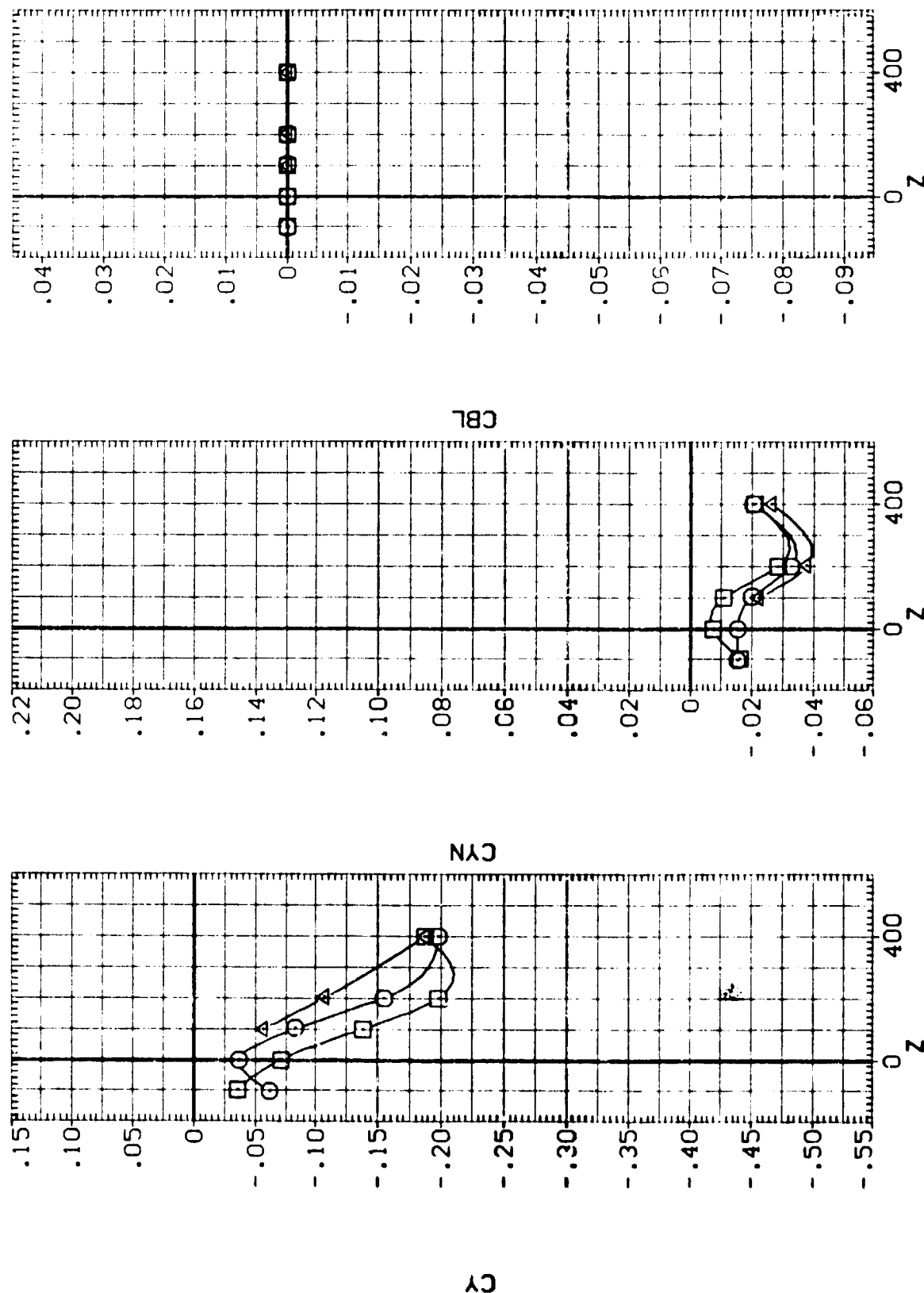


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(A)Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU253)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB	SEPAR. FROM	200	3.900	.000	4.520	SREF 2690.0000 SO.FT.
(ATU256)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB	SEPAR. FROM	5.200	3.900	.000	4.520	LREF 1290.3000 INCHES
(ATU257)	AEDC/VA528(1A87)-01ETIS1-L/H	SRB	SEPAR. FROM	-4.900	3.900	.000	4.520	BREF 1290.3000 INCHES
								YMRP 1258.5000 IN. XS
								ZMRP 400.0000 IN. YS
								SCALE .0100

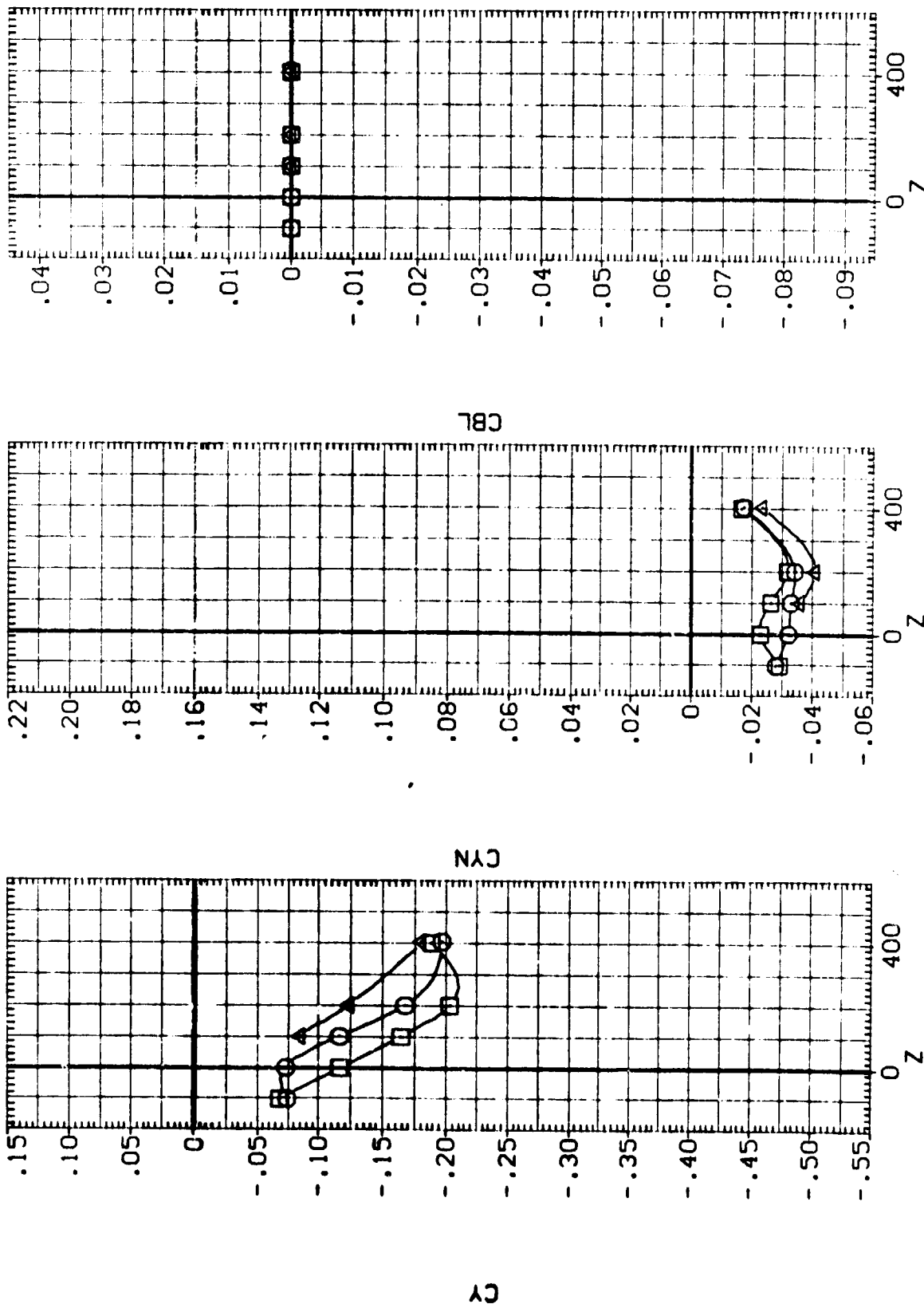


FIG 18 LEFT SRB AERO CHARACTER, SEPARATING FROM O/E/T (ALPHA=10.0 BETA=15.0)

(B)Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SERIAL FROM 0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU254)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	.200	3.900	300.000	4.520	SREF 2690 0000 SQ.FT.
(ATU255)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	5.200	3.900	300.000	4.520	LRFF 1290 3000 INCHES
(ATU258)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	-4.900	3.900	300.000	4.520	BRFF 1290 3000 INCHES
							YMRP 1258 5000 IN. XS
							YMRP 10000 IN. YS
							ZMRP 400 10000 IN. ZS
							SCALE .0100

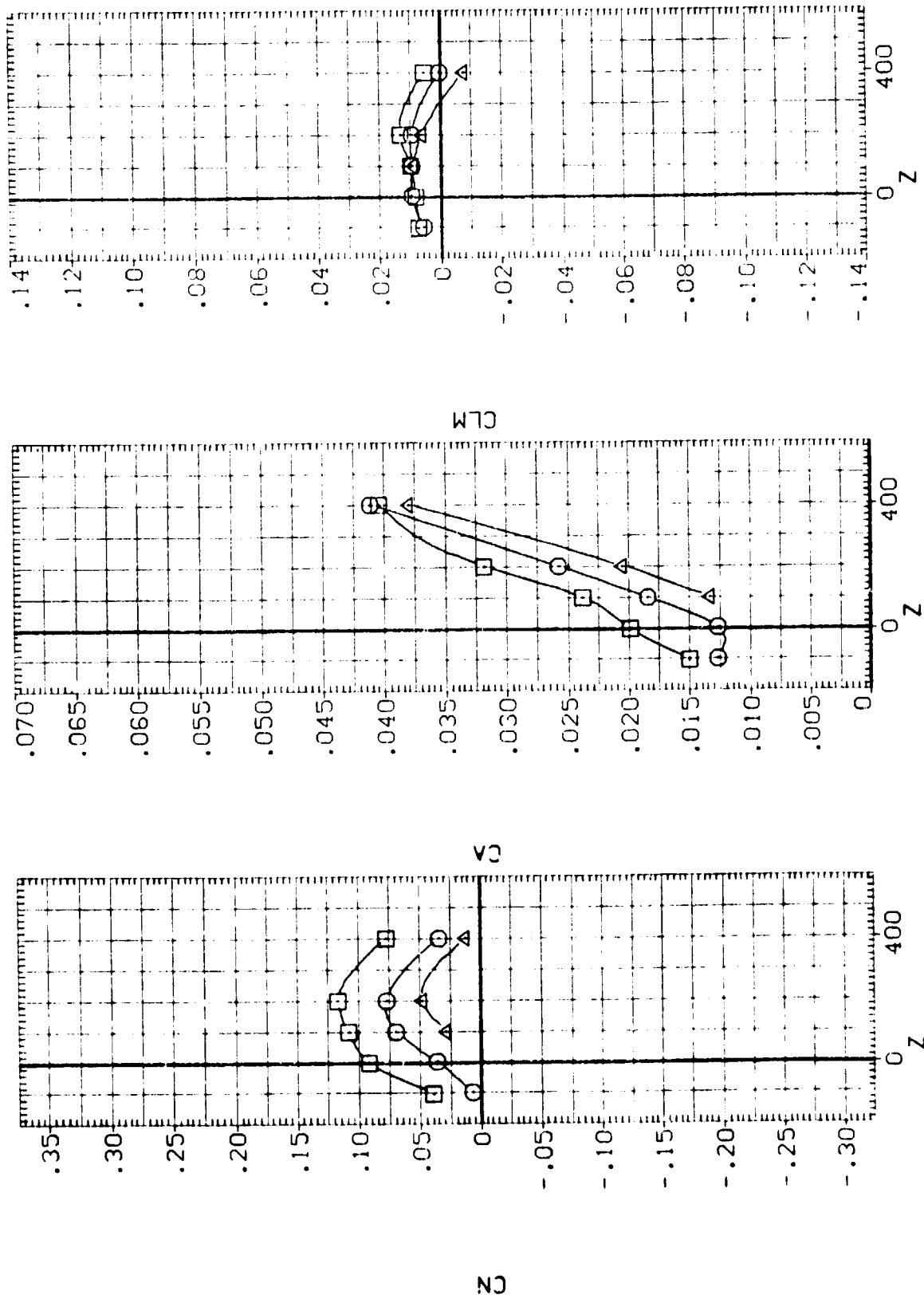


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=10.0 BETA=15.8)

(A) Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU254)	AEDC/VAS28(1A87)-01ET151-L/H	SRB	.200	3.900	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU255)	AEDC/VAS28(1A87)-01ET151-L/H	SRB	.200	3.900	300.000	4.520	LREF 1290.3000 INCHES
(ATU256)	AEDC/VAS28(1A87)-01ET151-L/H	SRB	-4.900	3.900	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1253.5000 IN. XS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

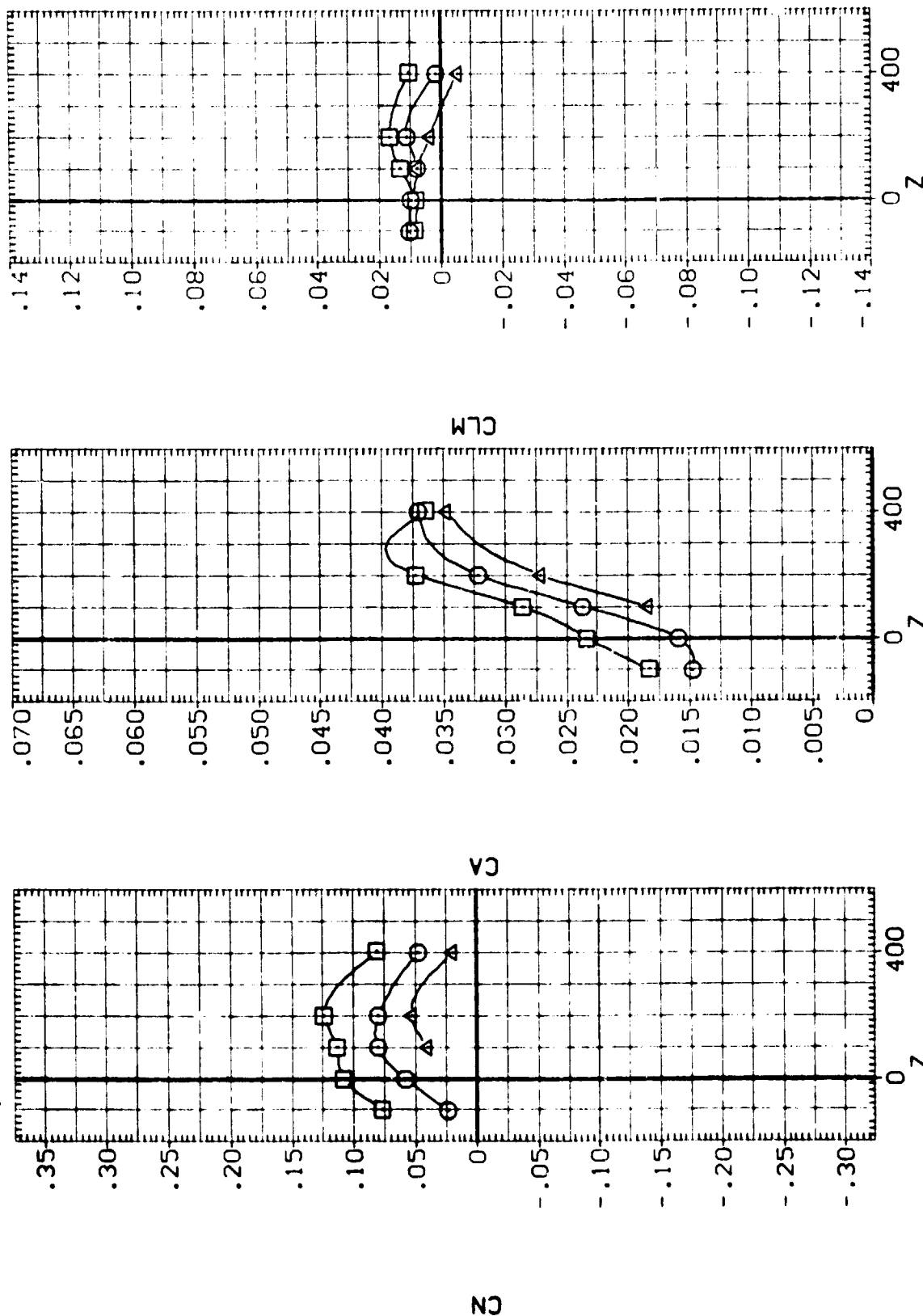


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(B)Y = -200.00

DATA SET SYMBOL  
 (ATU254)  
 (ATU255)  
 (ATU258)

CONFIGURATION DESCRIPTION  
 AEDC/VAS28(1A87)-01ET151-L/H  
 AEDC/VAS28(1A87)-01ET151-L/H  
 AEDC/VAS28(1A87)-01ET151-L/H

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

DALPHA DBETA X  
 200 3.900 300.000  
 200 3.900 300.000  
 -4.900 3.900 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFO  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

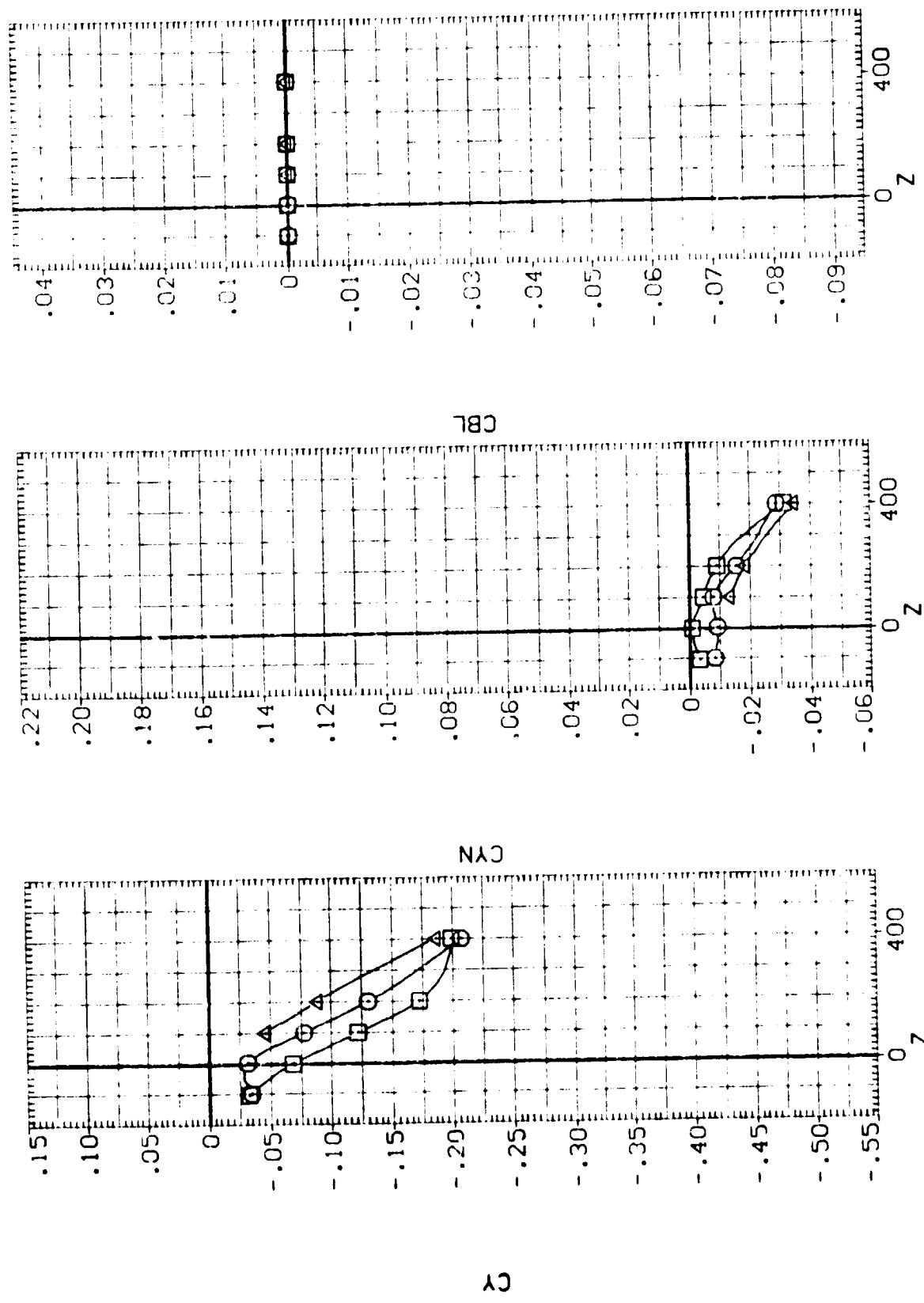


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(A) Y = -100.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (AT0254) AEDC/VA528(1A87)-G1ET1S1-L/H  
 (AT0255) AEDC/VA528(1A87)-G1ET1S1-L/H  
 (AT0256) AEDC/VA528(1A87)-G1ET1S1-L/H

SR8 SEPAR. FROM 0/ET  
 SR8 SEPAR. FROM 0/ET  
 SR8 SEPAR. FROM 0/ET  
 DALPHA DBETA X MACH REFERENCE INFORMATION  
 .200 3.900 300.000 4.520 SREF 2690.0000 SQ.FT.  
 5.200 3.900 300.000 4.520 LREF 1290.3000 INCHES  
 -4.900 3.900 300.000 4.520 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

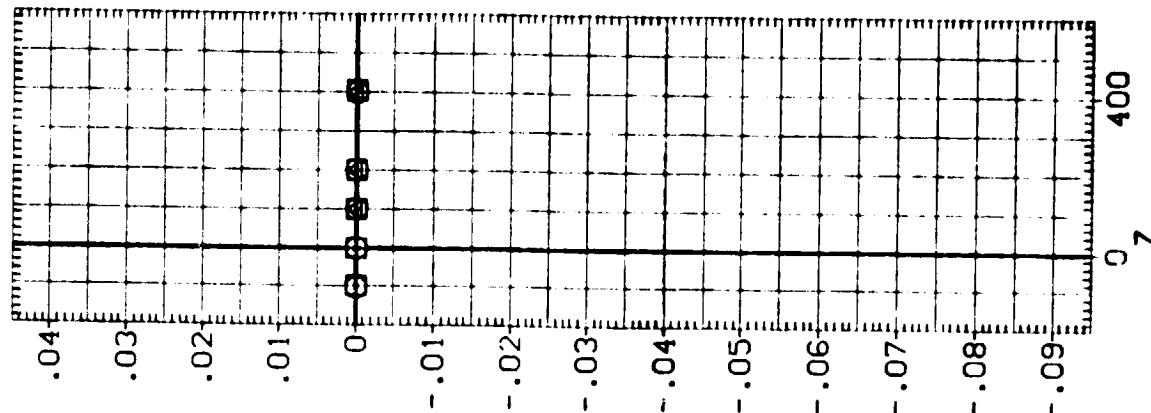
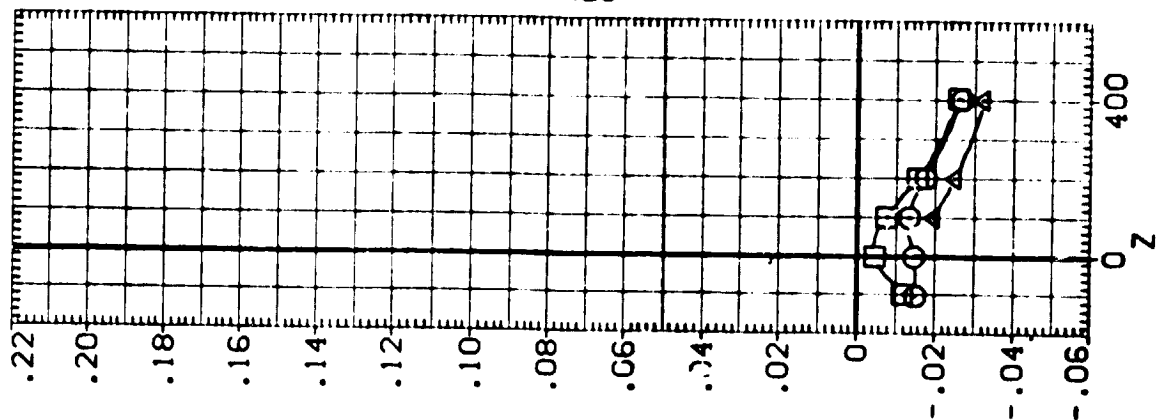
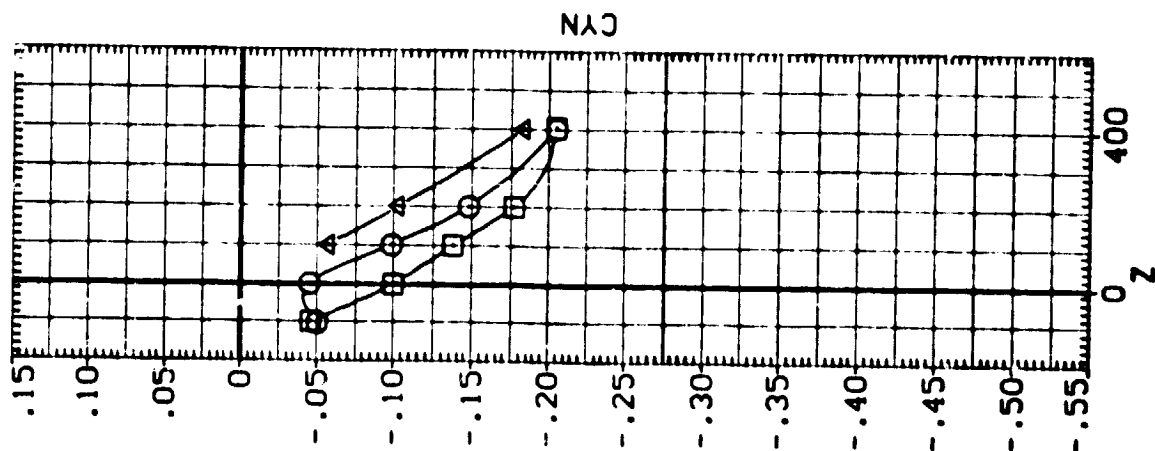


FIG 18 LEFT SR8 AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=10.0 BETA=15.8)

(B)Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU259)	AEDC/VA528(1A87)-CIET1S1-L/H	SRB SEPAR. FROM O/ET	.200	7.900	.000	4.520	SRF 2690.0000 SQ.FT.
(ATU262)	AEDC/VA528(1A87)-CIET1S1-L/H	SRB SEPAR. FROM O/ET	5.200	7.900	.000	4.520	LRF 1290.3000 INCHES
(ATU263)	AEDC/VA528(1A87)-CIET1S1-L/H	SRB SEPAR. FROM O/ET	-4.900	7.900	.000	4.520	BRF 1290.3000 INCHES
							YMRP 1258.5000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE 10100

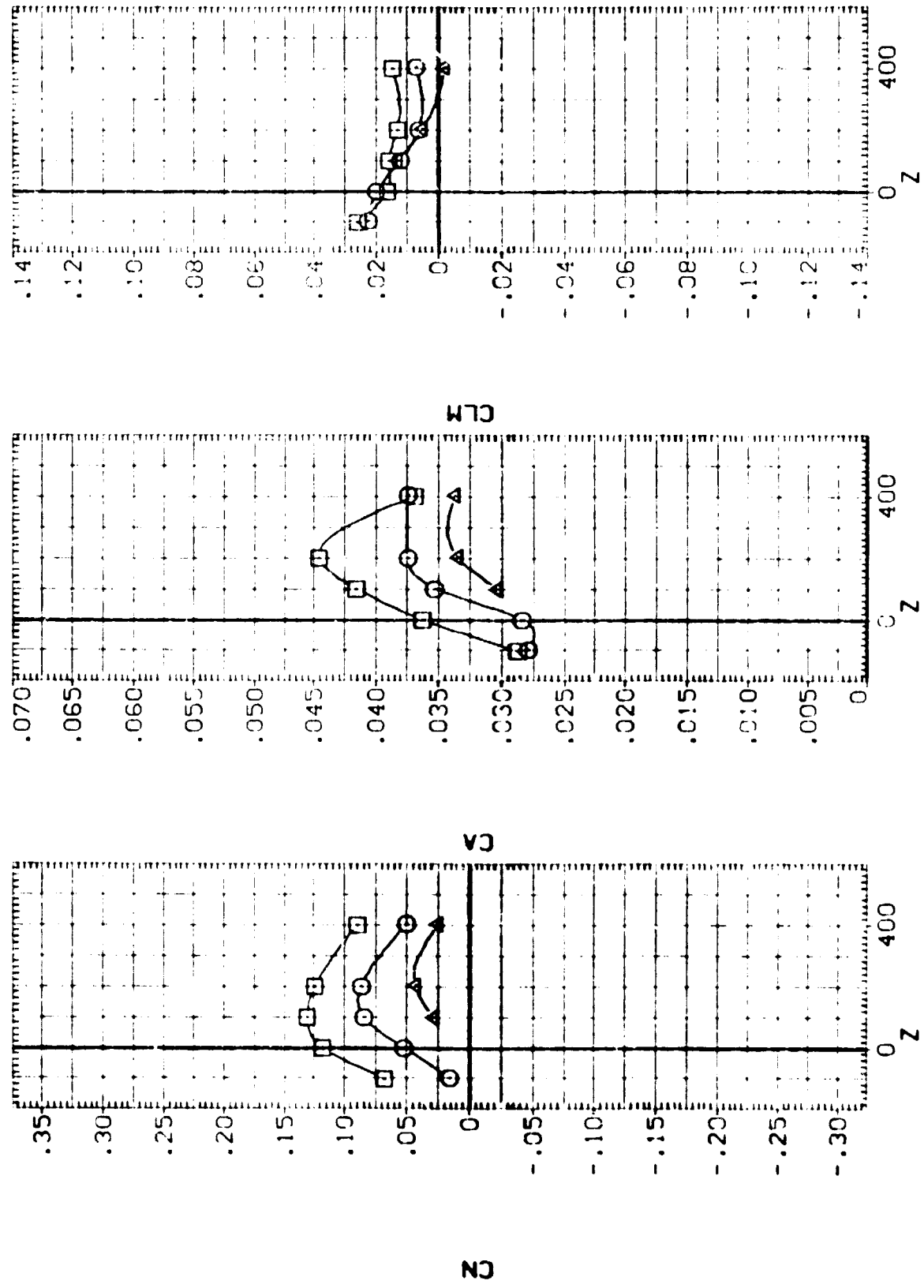


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(B)Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE INFORMATION
(ATU259)	AEDC/VAS28(IAB71)-O1ET151-L/H	.200	7.900	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU262)	AEDC/VAS28(IAB71)-O1ET151-L/H	5.200	7.900	.000	4.520	LREF 1290.3000 INCHES
(ATU263)	AEDC/VAS28(IAB71)-O1ET151-L/H	-4.900	7.900	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. YS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

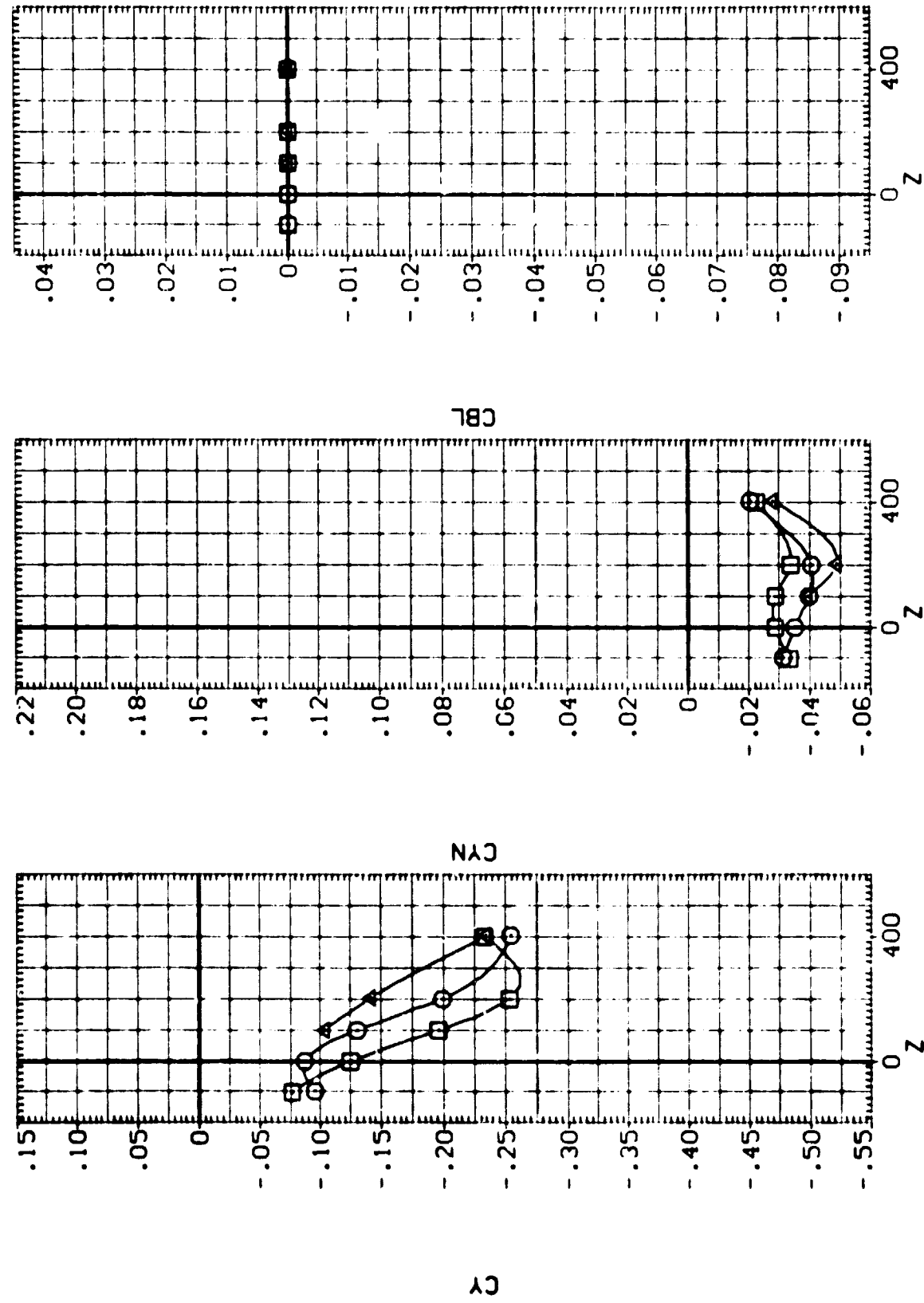


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=10.0 BETA=15.8)

(B)Y = -200.00



DATA SET SYMBOL  
(ATU260)  
(ATU261)  
(ATU264)

CONFIGURATION DESCRIPTION  
AEDC/A5281(A87)-01ET151-L/H SRB SEPAR. FROM O/EET  
AEDC/A5281(A87)-01ET151-L/H SRB SEPAR. FROM O/EET  
AEDC/A5281(A87)-01ET151-L/H SRB SEPAR. FROM O/EET

ALPHA UETA  
-4.500 7.500  
-4.500 7.500

SRB SEPAR. FROM O/EET  
SRB SEPAR. FROM O/EET  
SRB SEPAR. FROM O/EET

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SRB F 2650.0000 50. FT.  
L REF 1250.3000 INCHES  
B REF 1250.3000 INCHES  
A REF 1258.5000 IN. XS  
Y REF .0000 IN. YS  
Z REF 400.0000 IN. ZS  
SCALE .0100

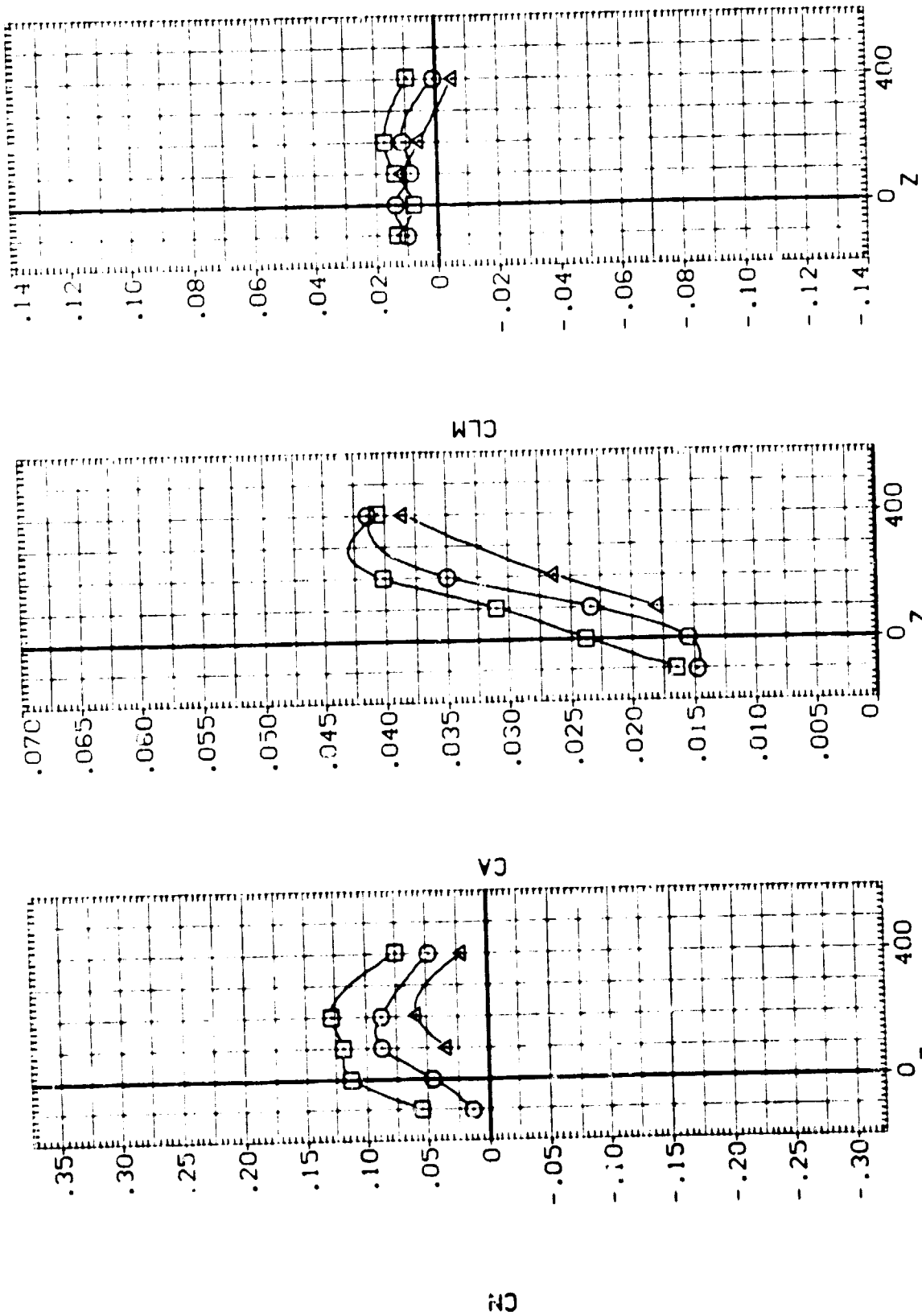


FIG 18 LEFT SRB AERO CHARACT. SEPARATING FROM O/EET (ALPHA=10.0 BETA=15.8)

(B)Y = -200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
{ATU284}	AEDC/VAS28(IAB7)-O1ET1SI-L/H	SRB SEPAR. FROM O/ET	.200	.000	.000	4.520	SREF 2690.0000 SO.FT.
{ATU287}	AEDC/VAS28(IAB7)-O1ET1SI-L/H	SRB SEPAR. FROM O/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
{ATU288}	AEDC/VAS28(IAB7)-O1ET1SI-L/H	SRB SEPAR. FROM O/ET	-4.800	.000	.000	4.520	BREF 1230.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

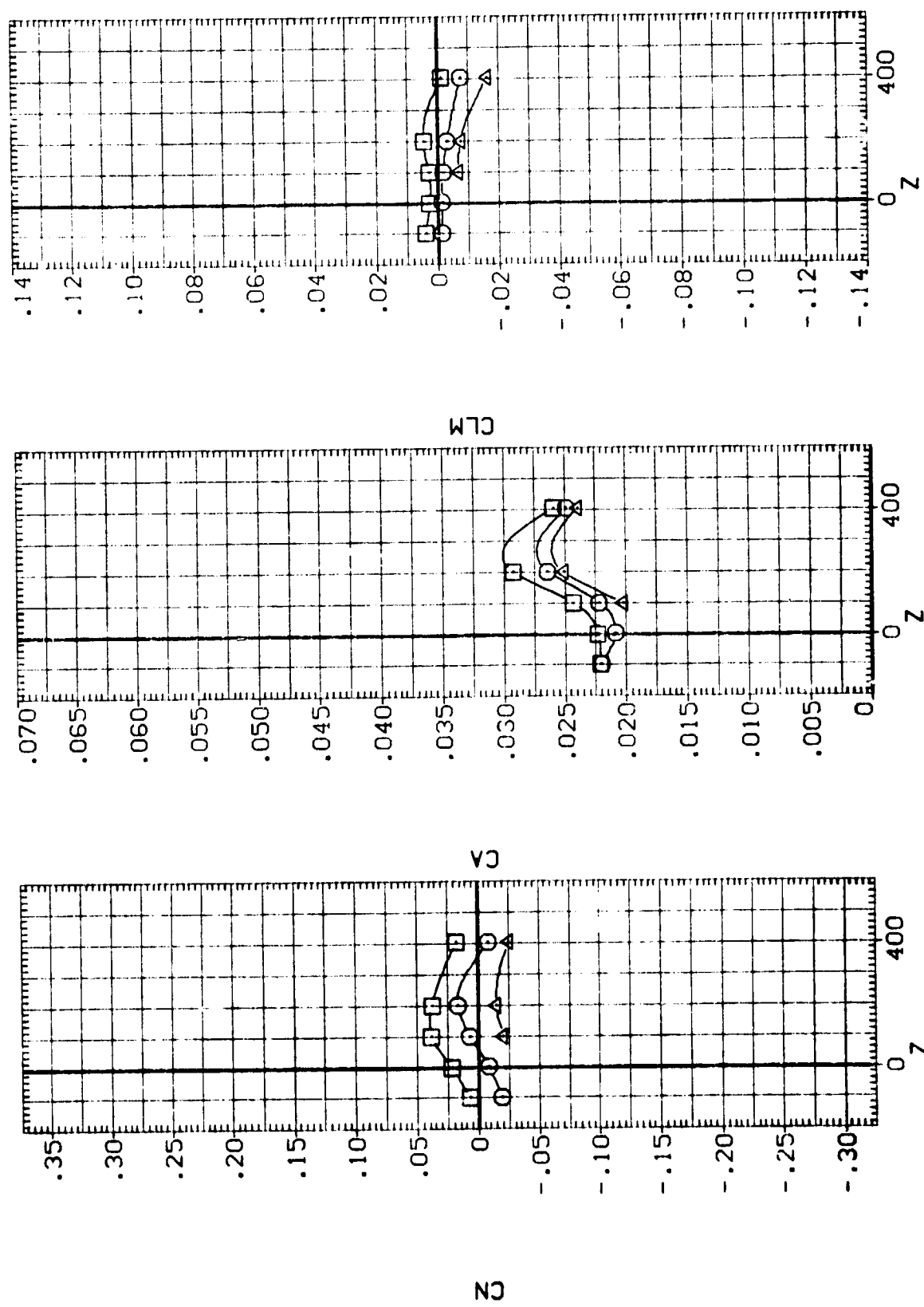


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(A)Y =-100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU284)	AEDC/VA528(1A87)-01ETISI-L/H	.200	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU287)	AEDC/VA528(1A87)-01ETISI-L/H	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU288)	AEDC/VA528(1A87)-01ETISI-L/H	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

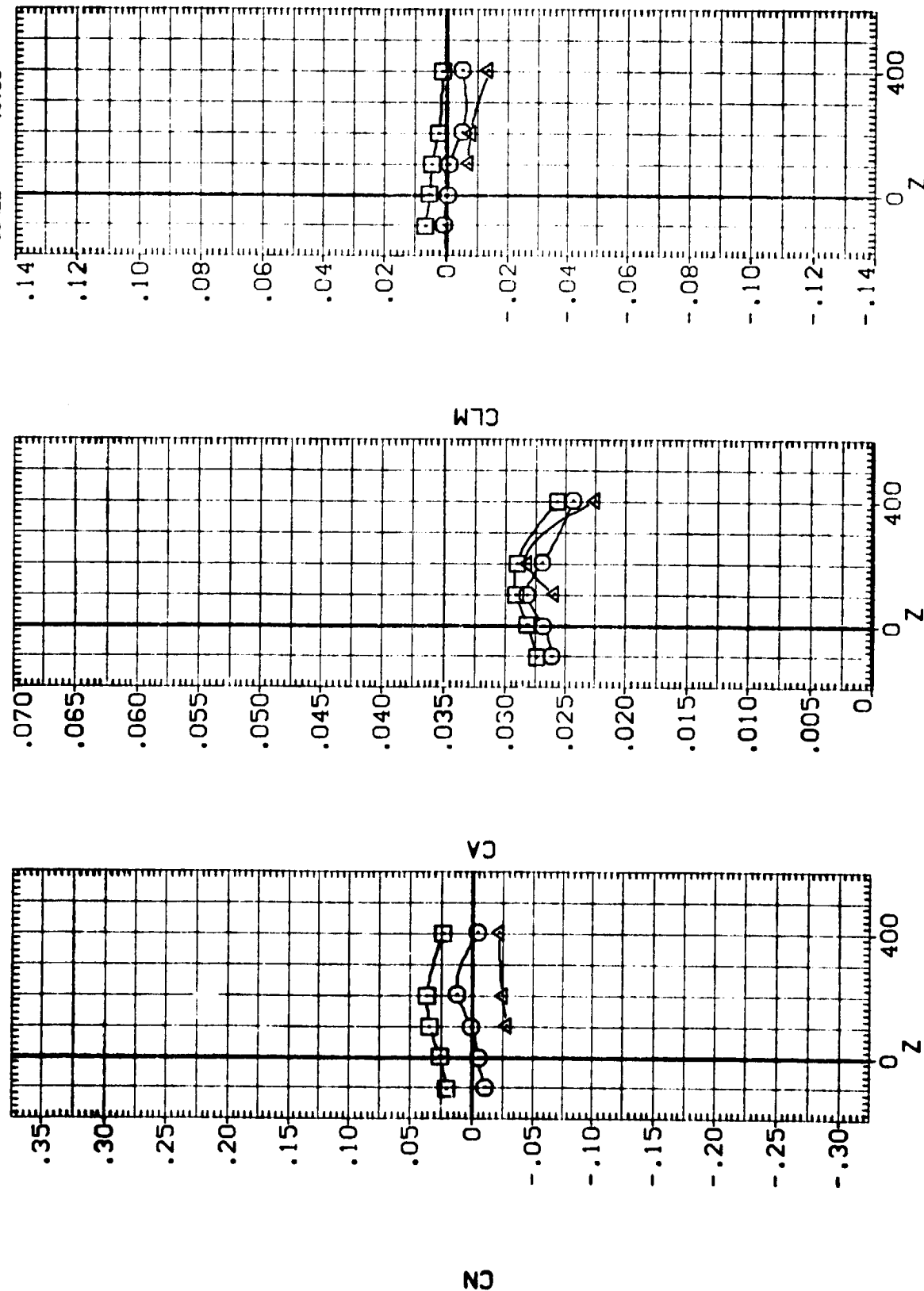


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(B)Y =-200.00

●

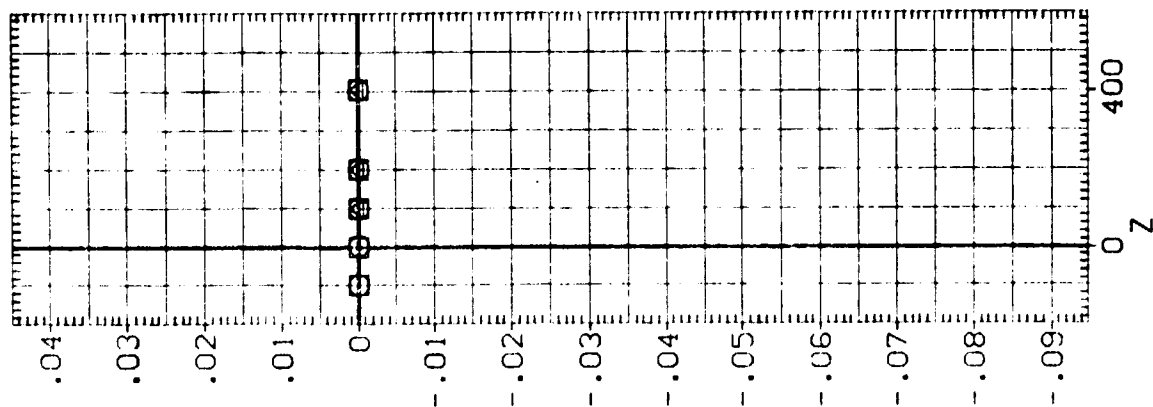
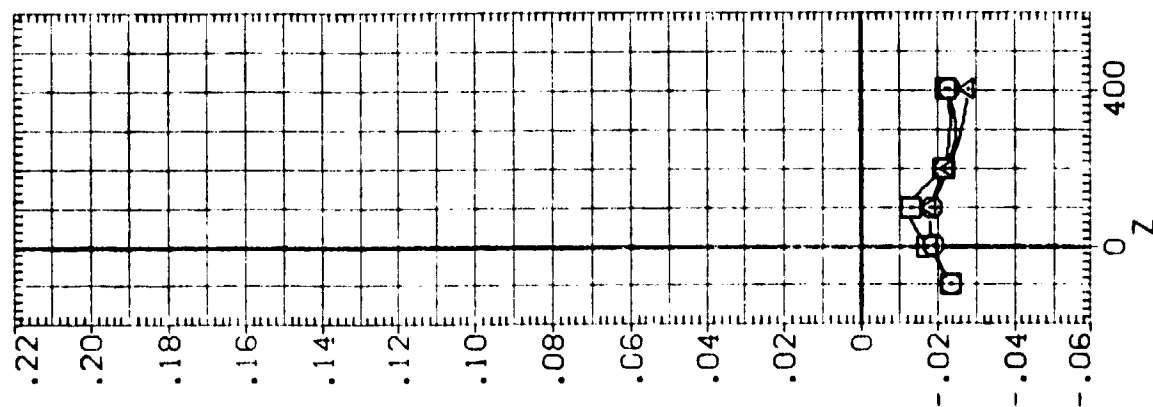
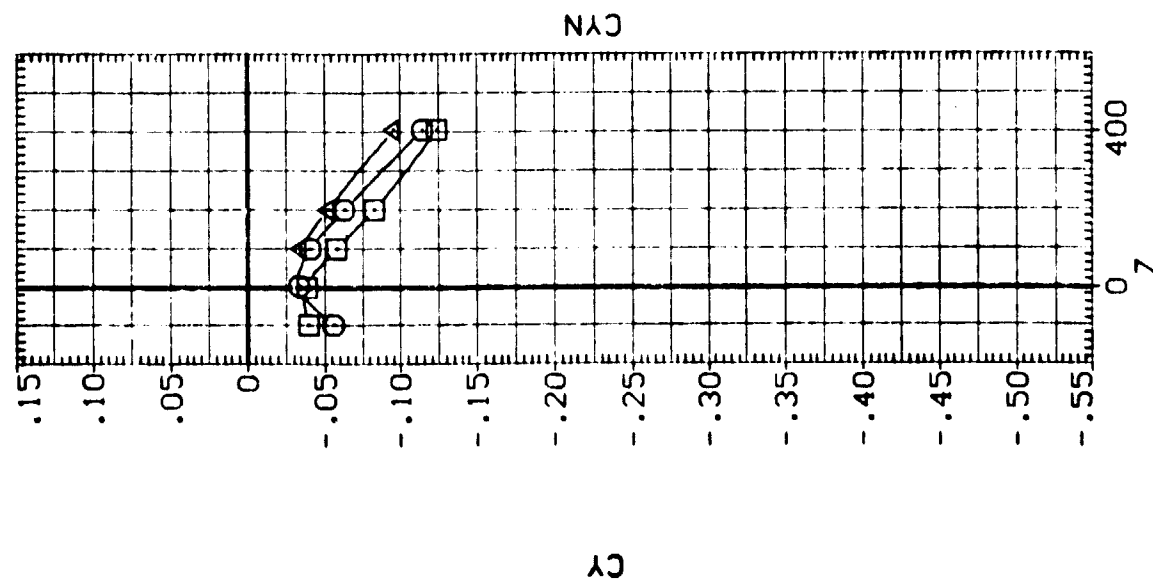


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(A)Y  
=-100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU284)	AEDC/VA528(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/EET	.200	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU287)	AEDC/VA528(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/EET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(ATU288)	AEDC/VA528(1A87)-01ET1S1-L/H	SRB SEPAR. FROM O/EET	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

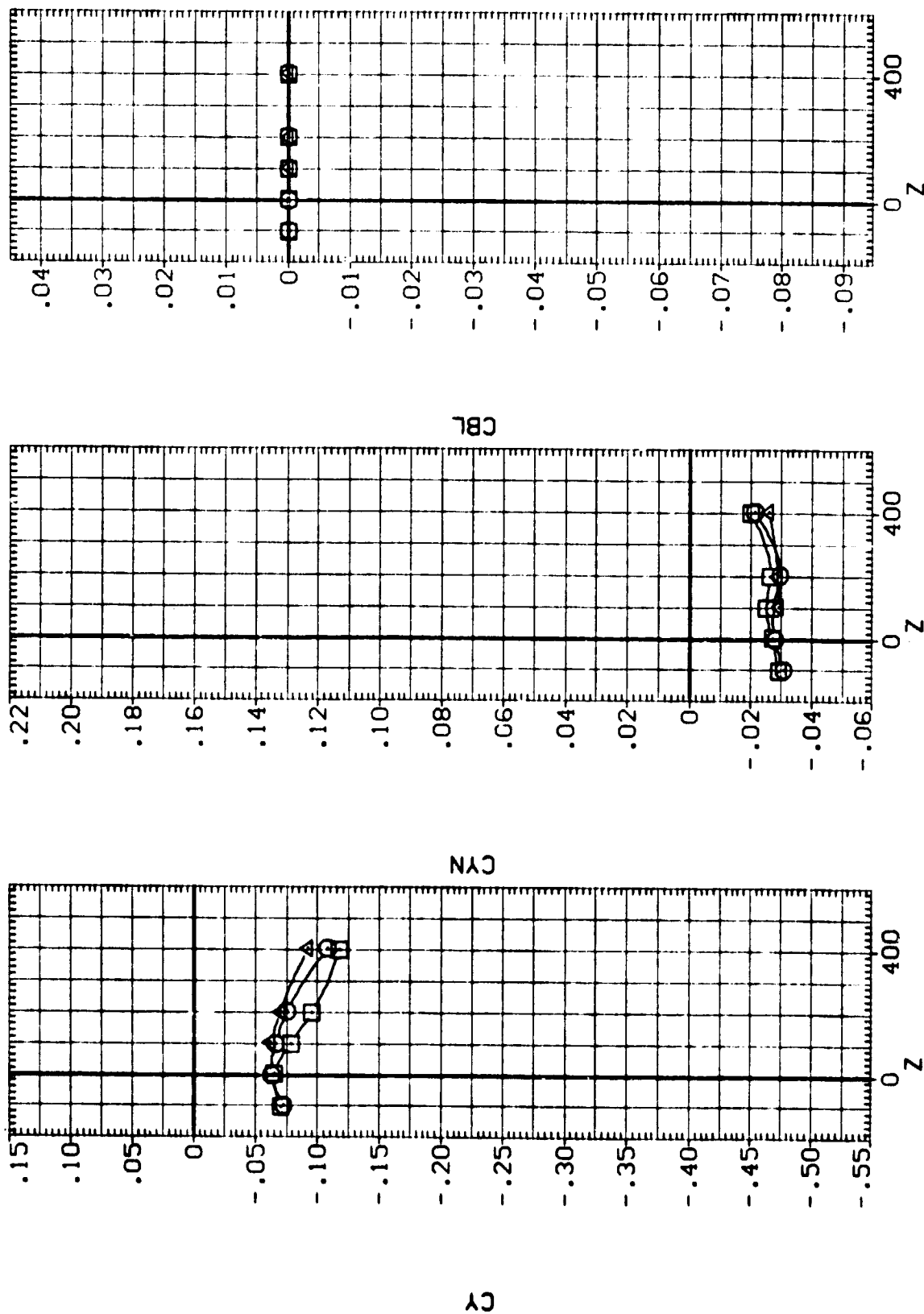


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/EET (ALPHA=-.5 BETA=15.7)

(B)Y --200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU285) AEDC/VAS28(IAB7)-01ETIS1-L/H  
 (ATU286) AEDC/VAS28(IAB7)-01ETIS1-L/H  
 (ATU289) AEDC/VAS28(IAB7)-01ETIS1-L/H

SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET  
 SRB SEPAR. FROM O/ET

DALPHA  
 .200  
 5.200  
 -4.800

DBETA  
 .000  
 .000  
 .000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SO FT  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

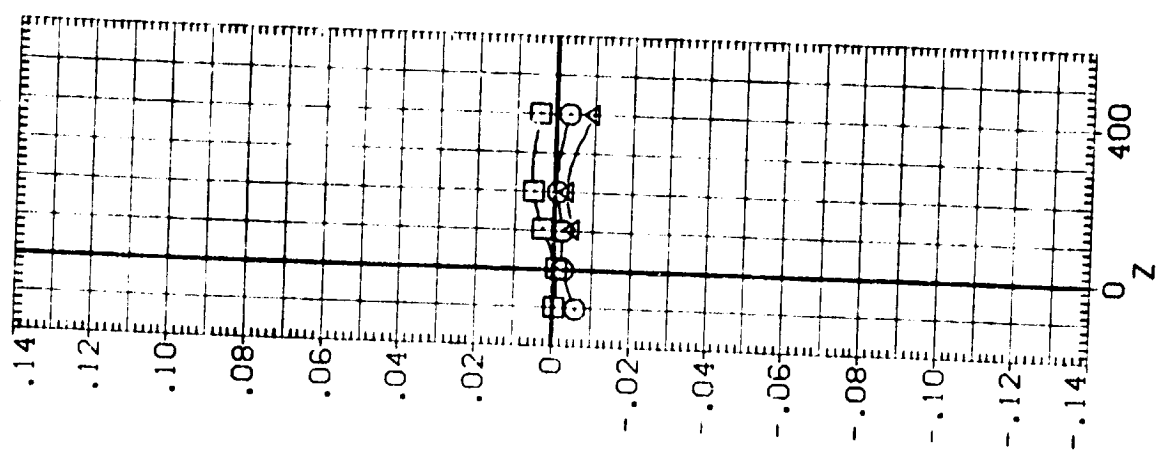
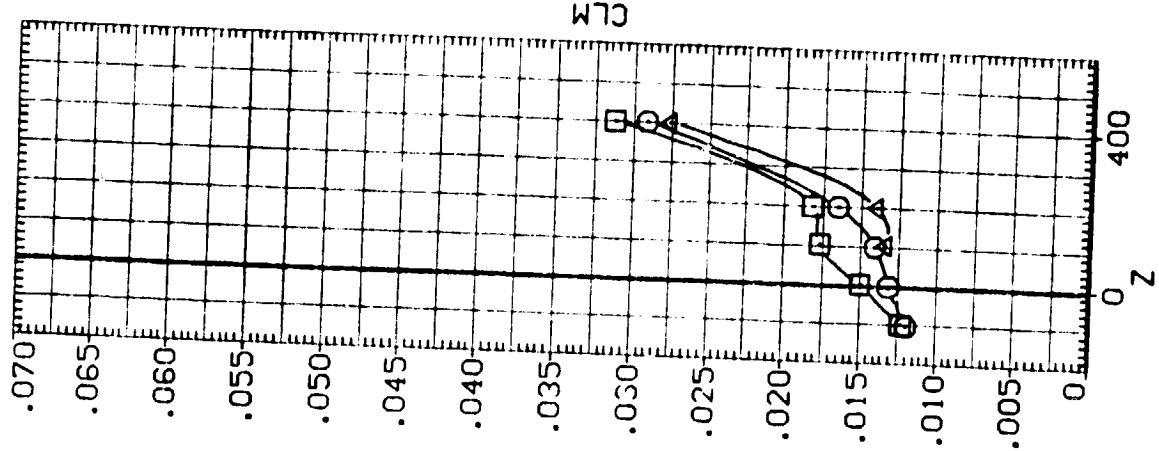
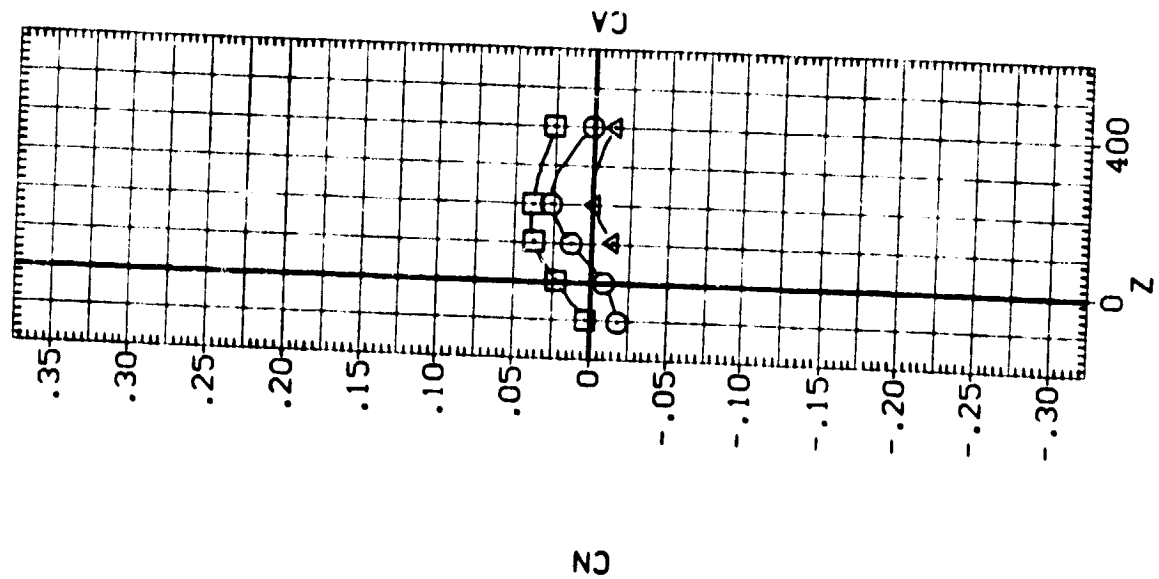


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)  
 (A)Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SERIAL FROM 0/ET	DELTA	BETA	X	MACH	REFERENCE INFORMATION
(ATU285)	AEDC/VA528(1A87)-01ET1S1-L/H	SRB	.200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU286)	AEDC/VA528(1A87)-01ET1S1-L/H	SRB	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU289)	AEDC/VA528(1A87)-01ET1S1-L/H	SRB	-4.800	.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

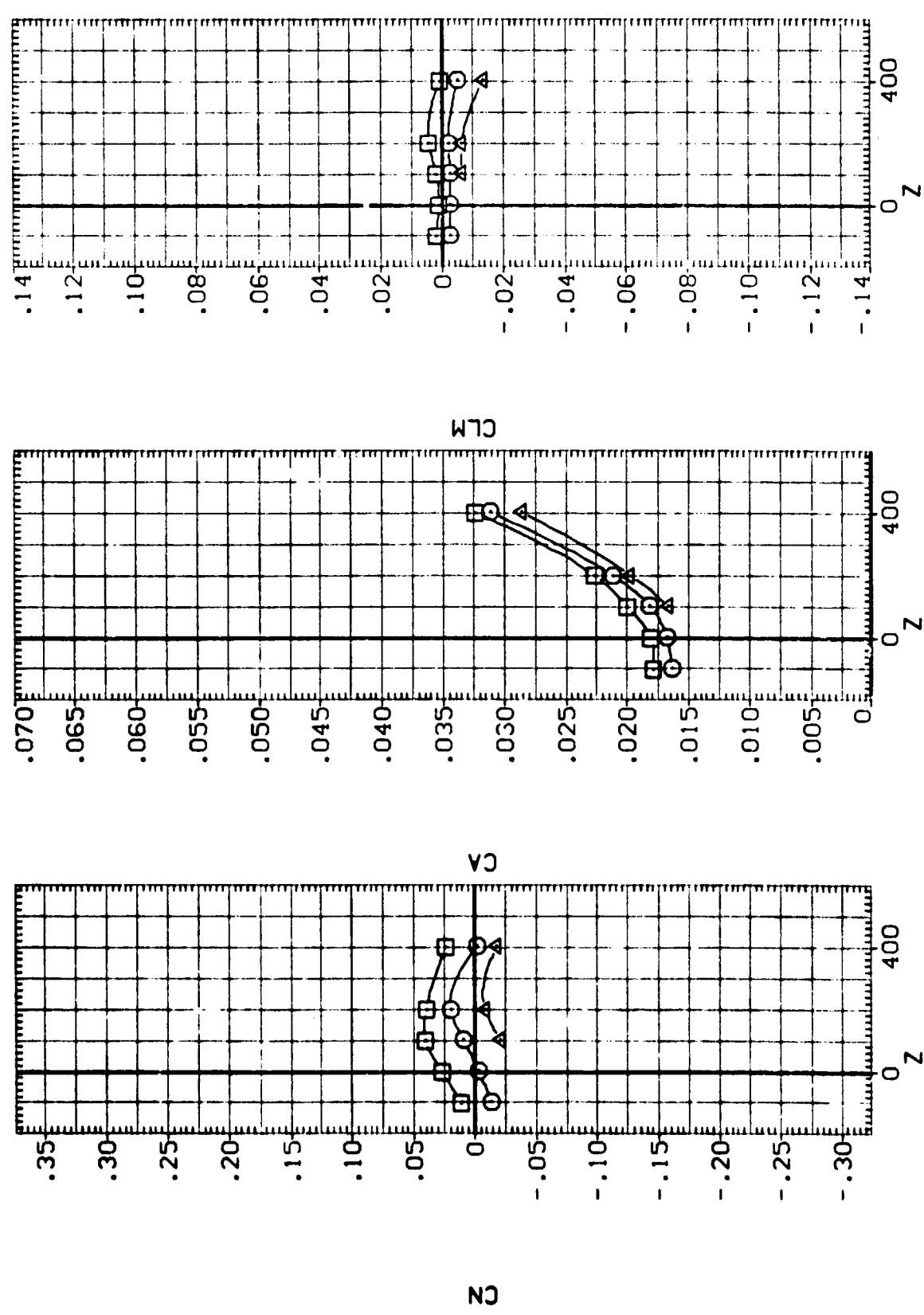





FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-.5 BETA=15.7)

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ATU285)  AEDC/VA528(1A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET

(ATU286)  AEDC/VA528(1A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET

(ATU289)  AEDC/VA528(1A87)-01ET1S1-L/H SRB SEPAR. FROM O/ET

MACH X DBETA DALPHA

4.520 300.000 .000 .200

4.520 300.000 .000 5.200

4.520 300.000 .000 -4.800

REFERENCE INFO

SRF 2690.0000 50.FT.

REF 1290.3000 INCHES

BREF 1290.3000 INCHES

XMRP 1258.5000 IN. XS

YMRP .0000 IN. YS

ZMRP 400.0000 IN. ZS

SCALE .0100

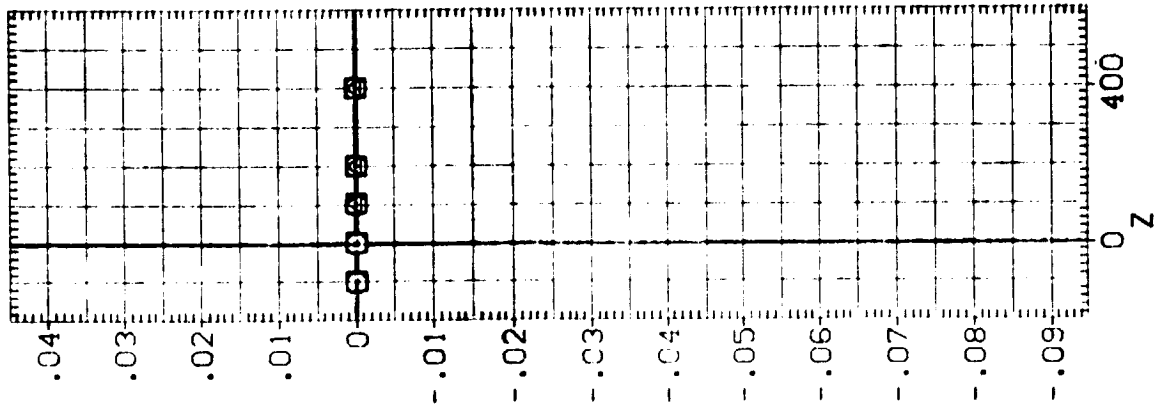
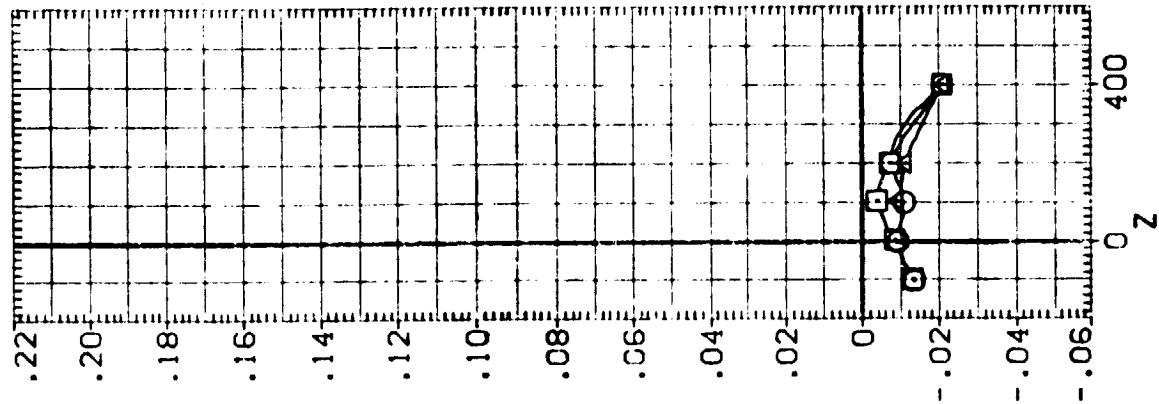
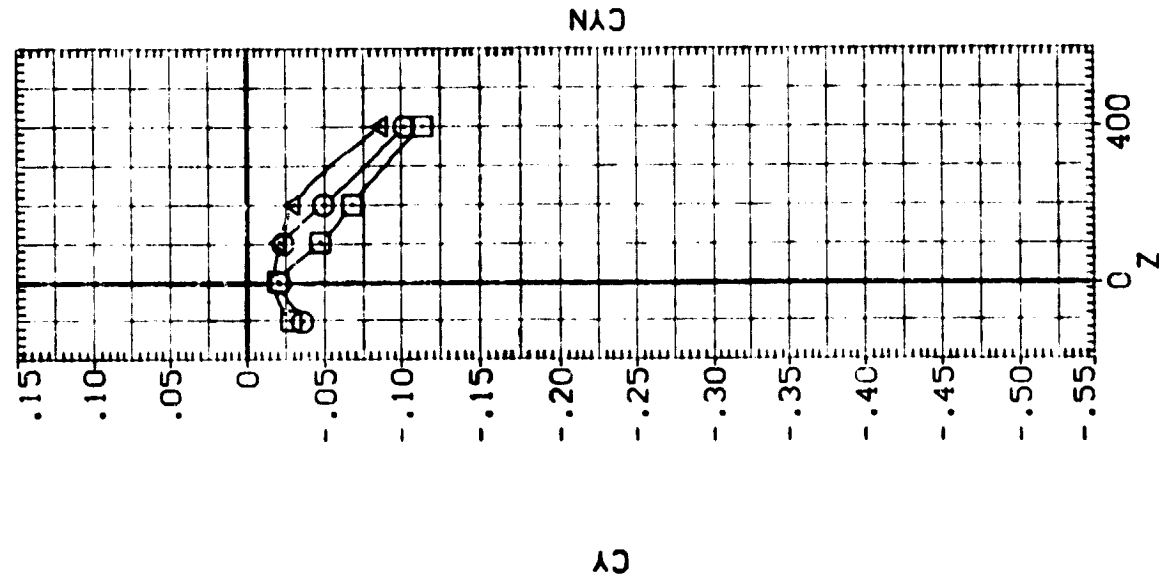


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(A)Y = -100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU285)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU286)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU288)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	-4.800	.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

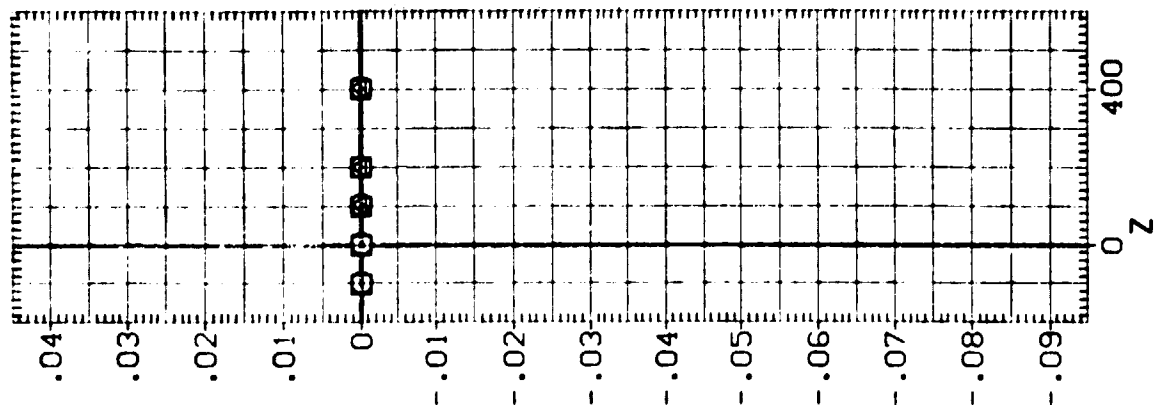
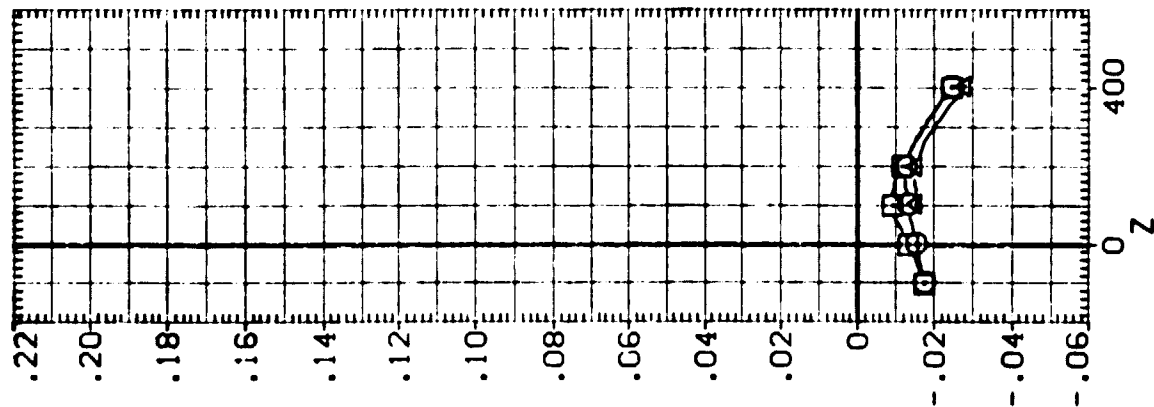
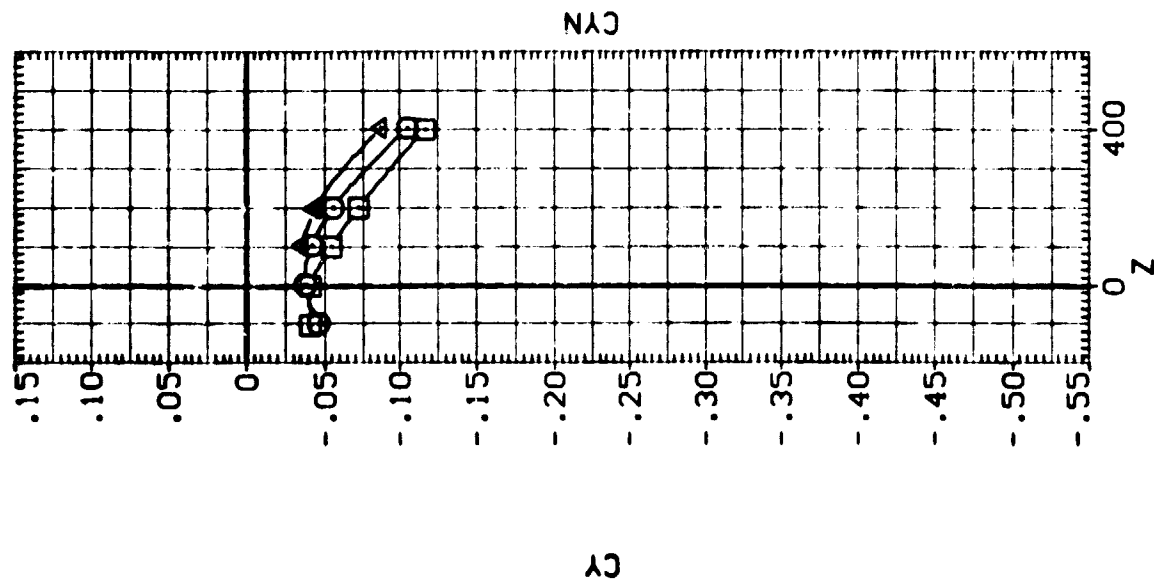


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/EI (ALPHA=-.5 BETA=15.7)

(B)Y =-200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/E/T	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(AT0290)	AEDC/VAS28(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/E/T	.200	4.000	.000	4.520	SREF 2690.0000 SO.FT.
(AT0293)	AEDC/VAS28(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/E/T	5.200	4.000	.000	4.520	LREF 1290.3000 INCHES
(AT0294)	AEDC/VAS28(1A87)-01ETIS1-L/H	SRB SEPAR. FROM O/E/T	-4.800	4.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1258.5000 IN. XS
							YMRP .0000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

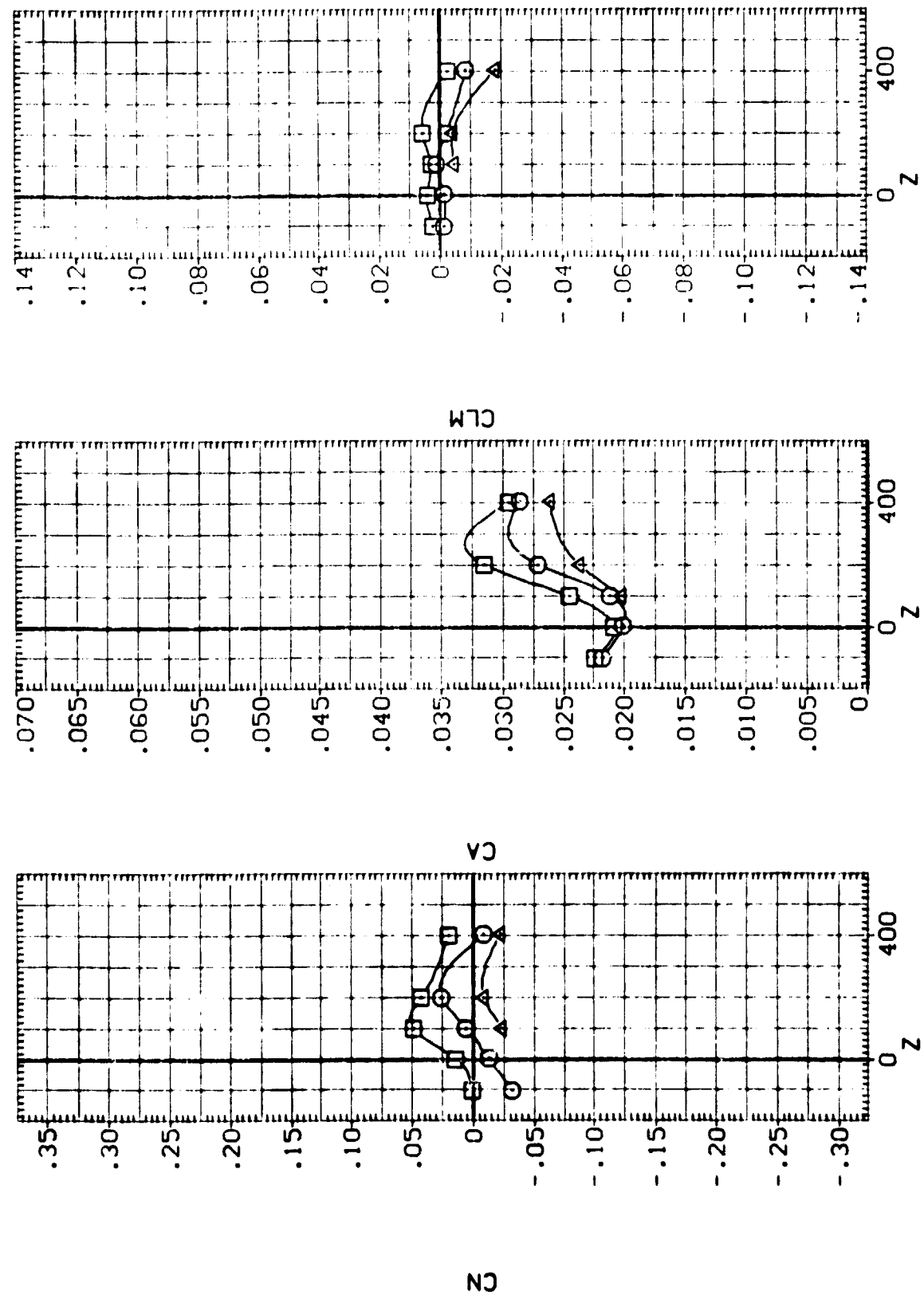


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/E/T (ALPHA=-.5 BETA=15.7)

(A)Y =-100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR. FROM O/EY	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU290)	AEDC/VAS28(1A87)-01ETIS1-L/M	SRB SEPAR. FROM O/EY	.200	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(ATU293)	AEDC/VAS28(1A87)-01ETIS1-L/M	SRB SEPAR. FROM O/EY	5.200	4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU294)	AEDC/VAS28(1A87)-01ETIS1-L/M	SRB SEPAR. FROM O/EY	-4.600	4.000	.000	4.520	BREF 1290.3000 INCHES
							YMRP 1298.5000 IN. YS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

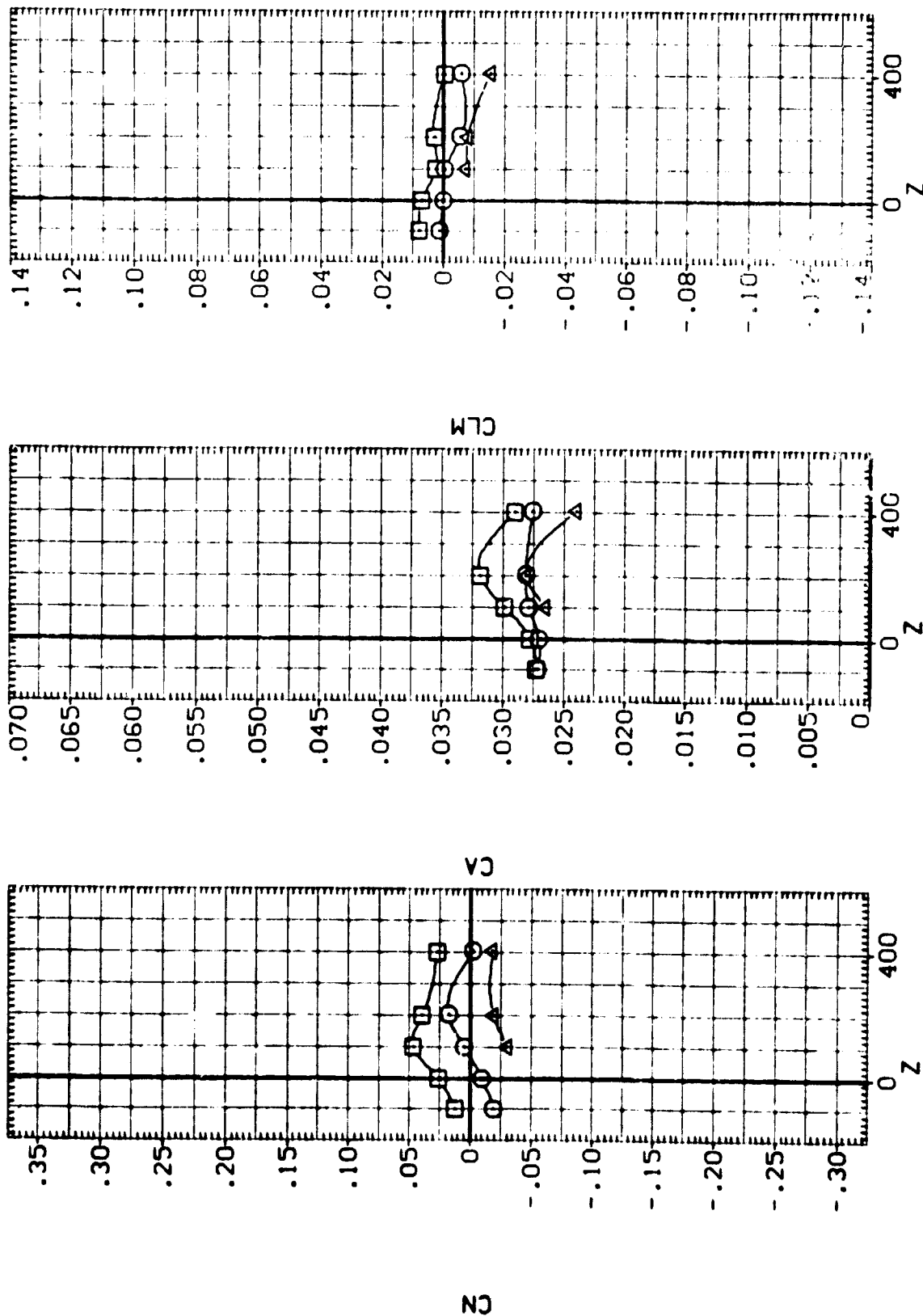


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/EY (ALPHA=-.5 BETA=15.7)

(B)Y = -200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM O/EI	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU290)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB	SEPAR. FROM O/EI	.200	4.000	.000	4.520	SRF 2690.0000 50.FT.
(ATU293)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB	SEPAR. FROM O/EI	5.200	4.000	.000	4.520	LREF 1290.3000 INCHES
(ATU294)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB	SEPAR. FROM O/EI	-4.800	4.000	.000	4.520	BREF 1290.3000 INCHES
								XMRP .0000 IN. XS
								YMRP .0000 IN. YS
								ZMRP 400.0000 IN. ZS
								SCALE .0100

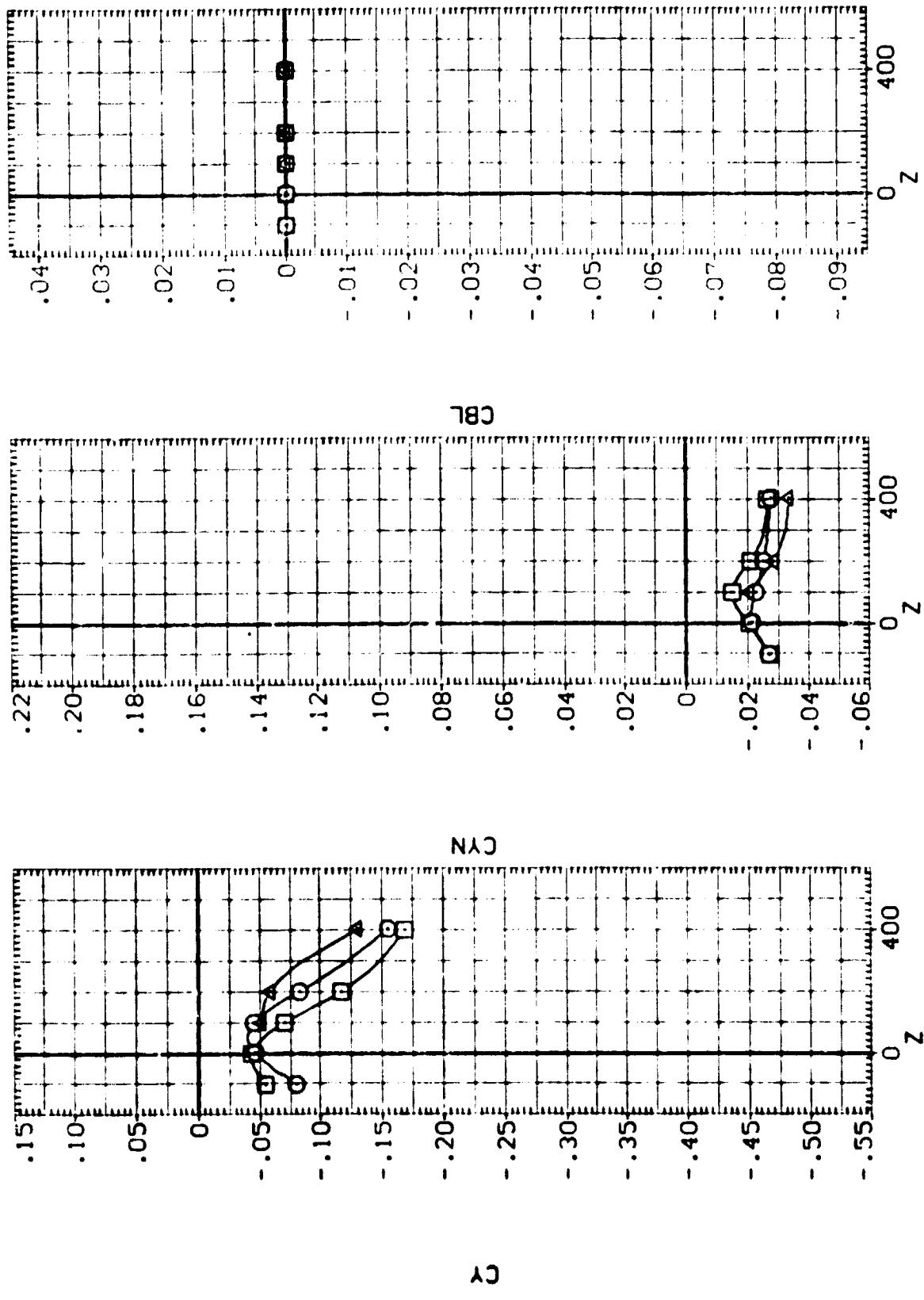


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/EI (ALPHA=-.5 BETA=15.7)

(A)Y = -100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU290)	AEDC/VAS-28(1A87)-01ETIS1-L/H SRB SEPAR FROM 0/ET	200	4.000	0.000	4.520	SREF 2650.0000 SQ.FT.
(ATU293)	AEDC/VAS-28(1A87)-01ETIS1-L/H SRB SEPAR FROM 0/ET	5.200	4.000	0.000	4.520	LREF 1250.3000 INCHES
(ATU294)	AEDC/VAS-28(1A87)-01ETIS1-L/H SRB SEPAR FROM 0/ET	-4.800	4.000	0.000	4.520	BREF 1250.3000 INCHES
						YMRP 1258.5000 IN. YS
						ZMRP 400.0000 IN. ZS
						SCALE .0100

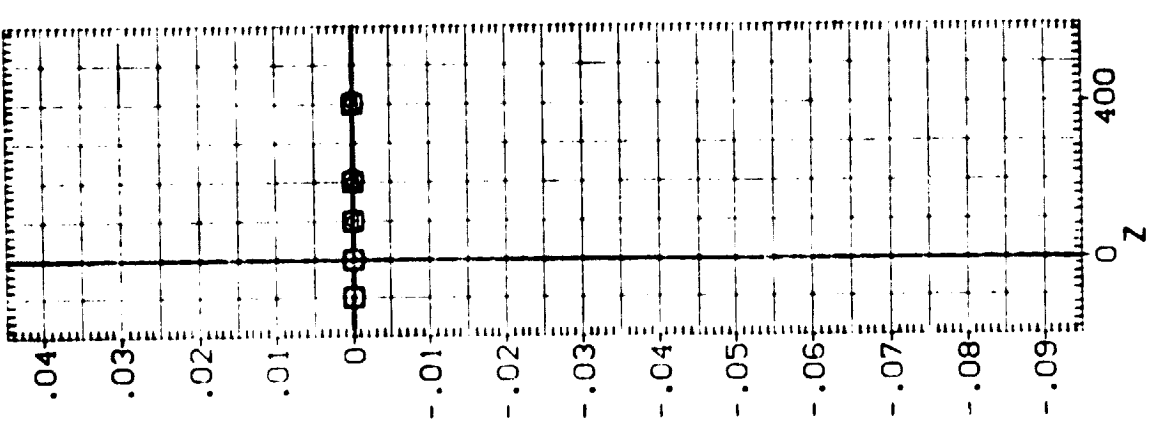
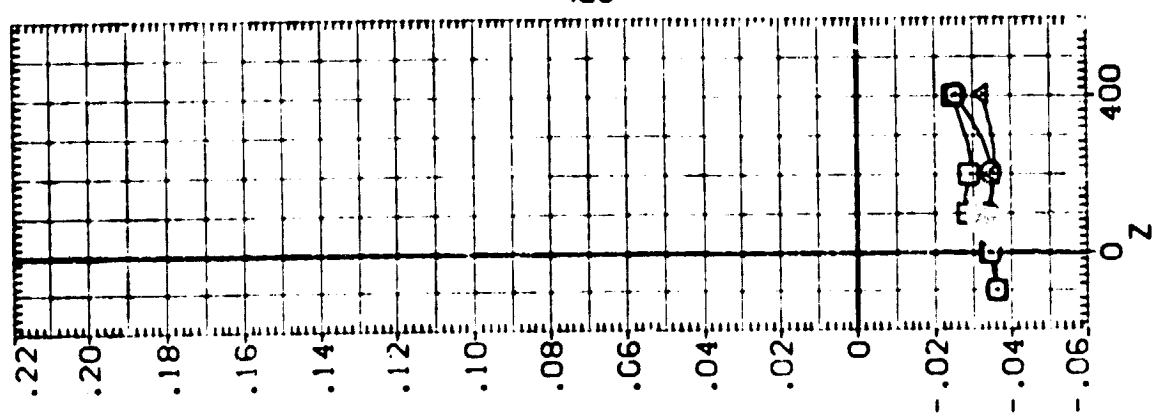
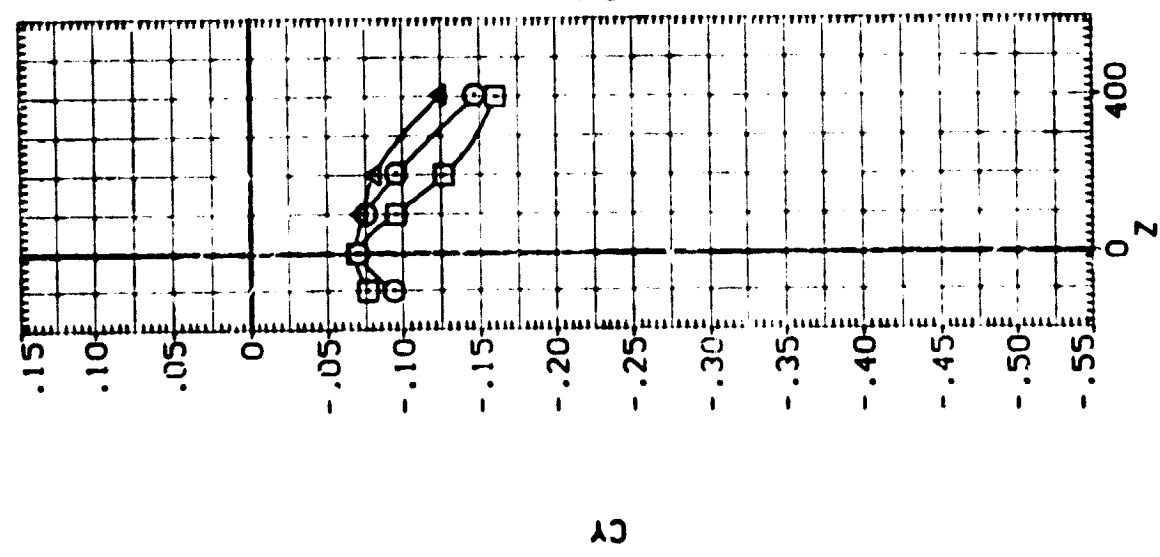


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-.5 BETA=15.7)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU291)	AEDC/VAS28 (A87) - 01ET151-L/H	.200	4.000	300.000	4.520	SREF 2690.0000 SG.FT.
(ATU292)	AEDC/VAS28 (A87) - 01ET151-L/H	5.200	4.000	300.000	4.520	LREF 1290.3000 INC-ES
(ATU295)	AEDC/VAS28 (A87) - 01ET161-L/H	-4.800	4.000	300.000	4.520	BREF 1290.3000 INC-ES
						YMRP 1298.5000 IN. XS
						ZMRP .0000 IN. YS
						SCALE 400.0000 IN. ZS

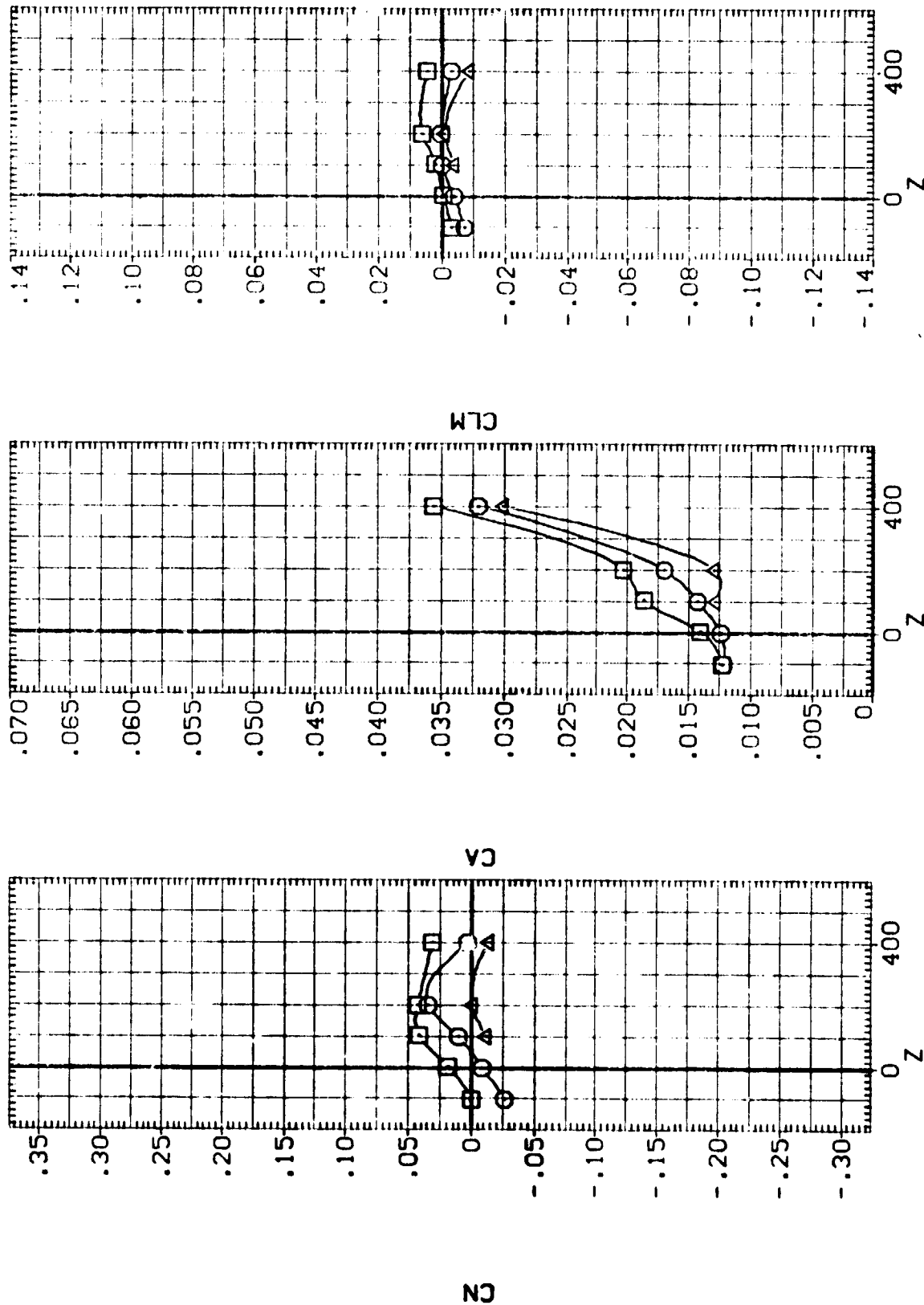


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-.5 BETA=15.7)

(A) Y = -100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU291)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB	SEPAR. FROM O/ET	.200	4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU292)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB	SEPAR. FROM O/ET	5.200	4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU295)	AEDC/VAS28(1A87)-01ETISI-L/H	SRB	SEPAR. FROM O/ET	-4.800	4.000	300.000	4.520	BREF 1290.3000 INCHES
								XMRP 1258.5000 IN. XS
								YMRP .0000 IN. YS
								ZMRP 400.0000 IN. ZS
								SCALE .0100

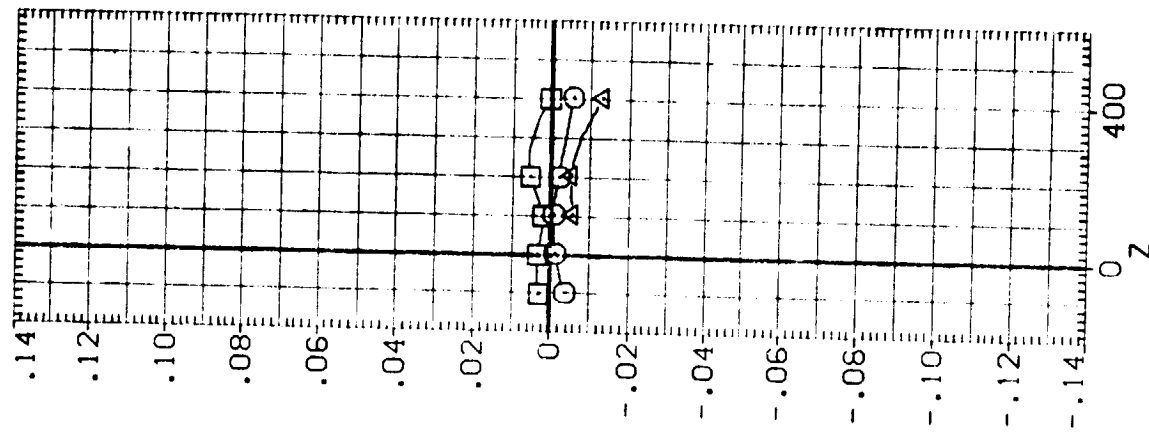
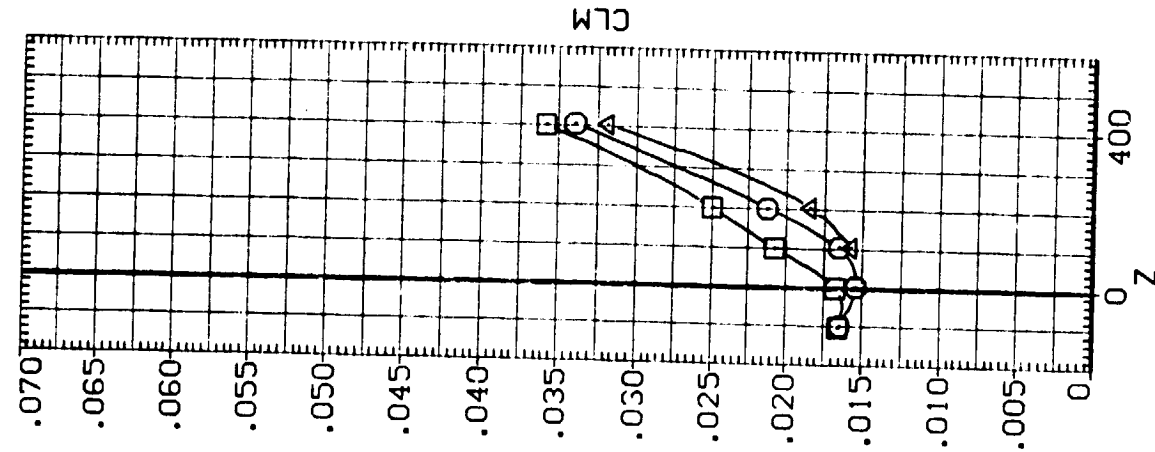
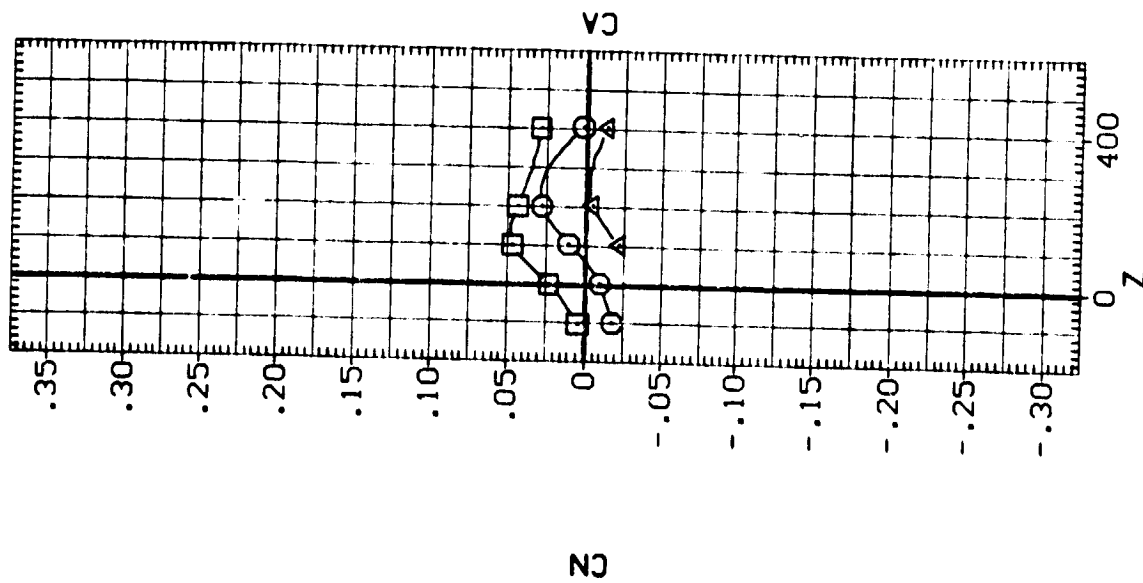


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(B)Y --200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR. FROM O/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU291)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	.200	4.000	300.000	4.520	SREF 2690.0000 SO.FT.
(ATU292)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	5.200	4.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU295)	AEDC/VAS28(1A87)-01ET1S1-L/H	SRB	-4.800	4.000	300.000	4.520	BREF 1290.3000 INCHES
							YMRP 1258.5000 IN. XS
							ZMRP 400.0000 IN. ZS
							SCALE .0100

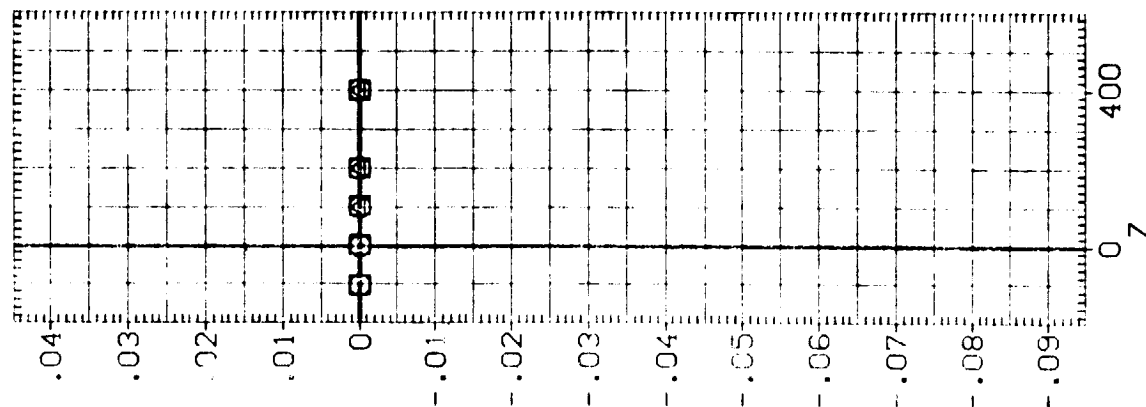
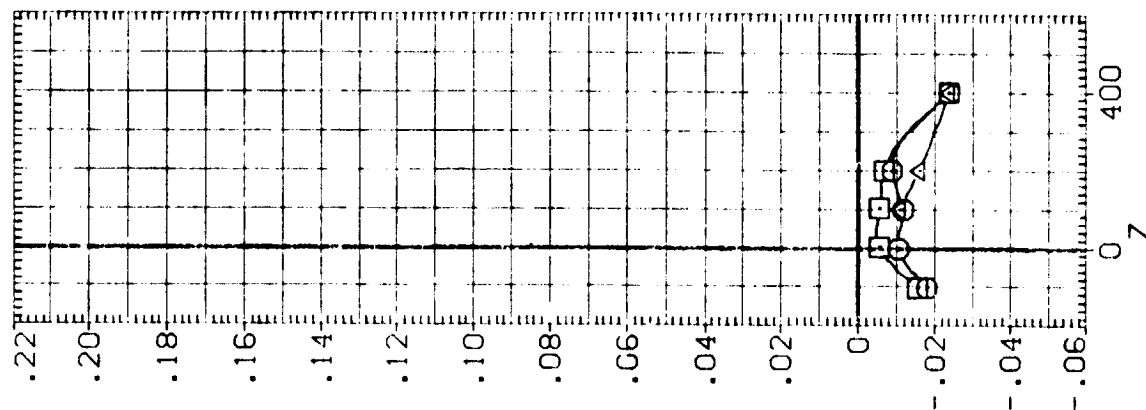
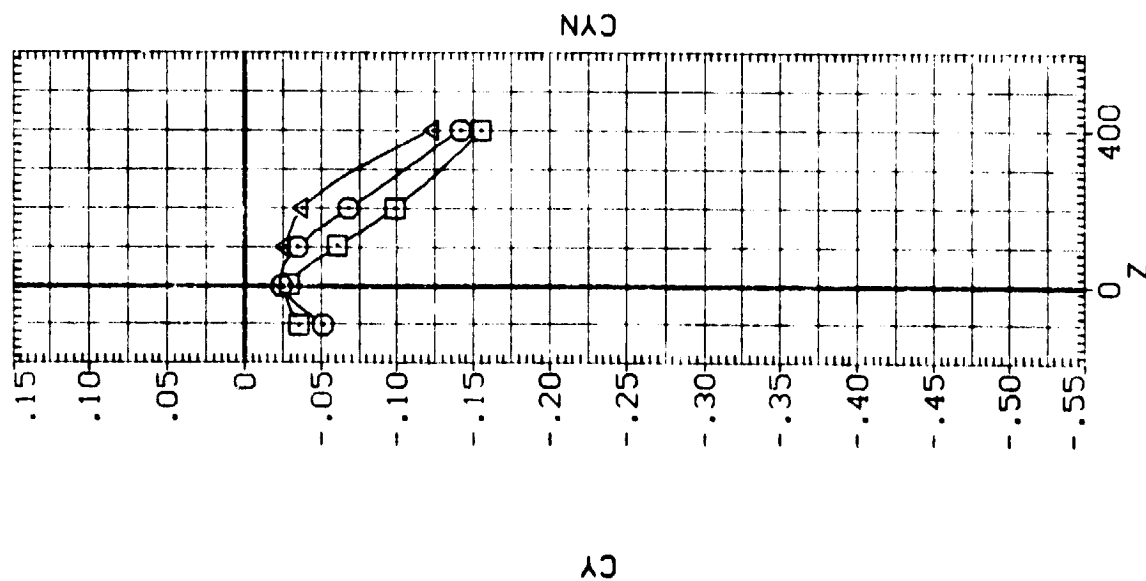


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(A)Y =-100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ATU291) AEDC/VAS28(IAB7)-01ETISI-L/H SRB  
 (ATU292) AEDC/VAS28(IAB7)-01ETISI-L/H SRB  
 (ATU295) AEDC/VAS28(IAB7)-01ETISI-L/H SRB

SEPAR. FROM 0/ET  
 SEPAR. FROM 0/ET  
 SEPAR. FROM 0/ET  
 DALPHA  
 DBETA  
 X  
 MACH

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1258.5000 IN. XS  
 YMRP .0000 IN. YS  
 ZMRP 400.0000 IN. ZS  
 SCALE .0100

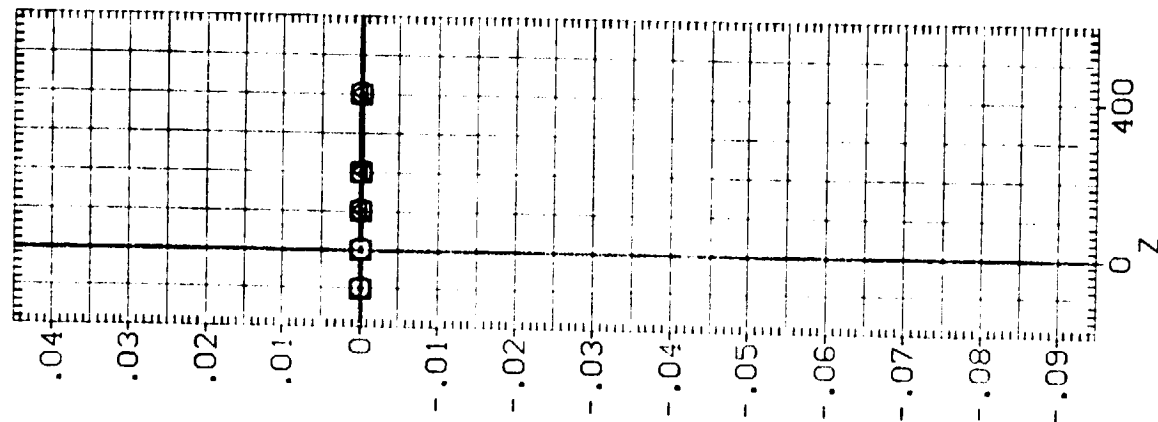
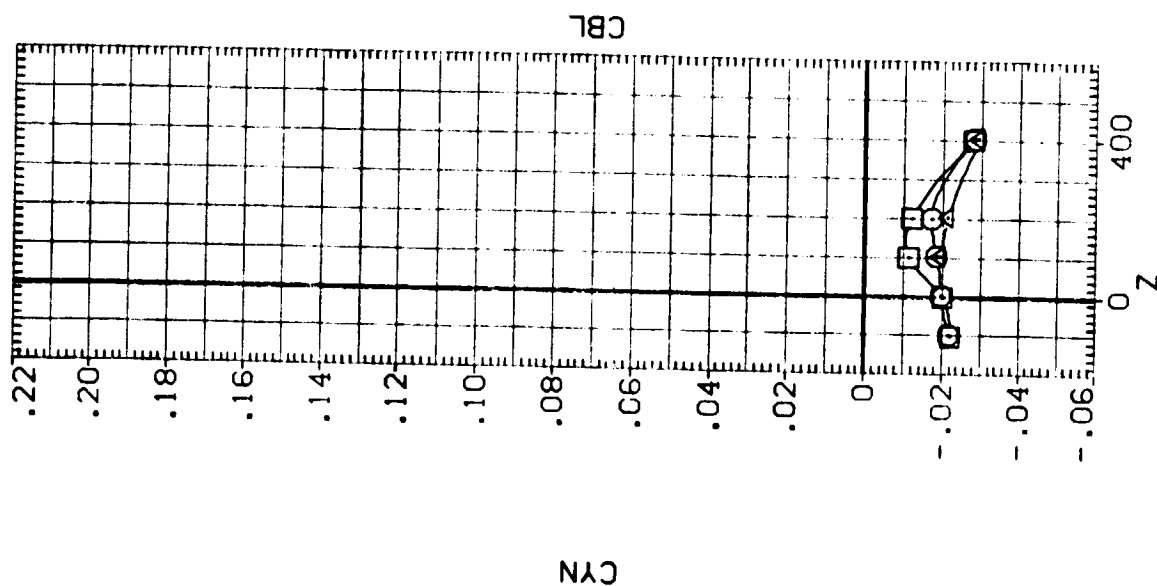
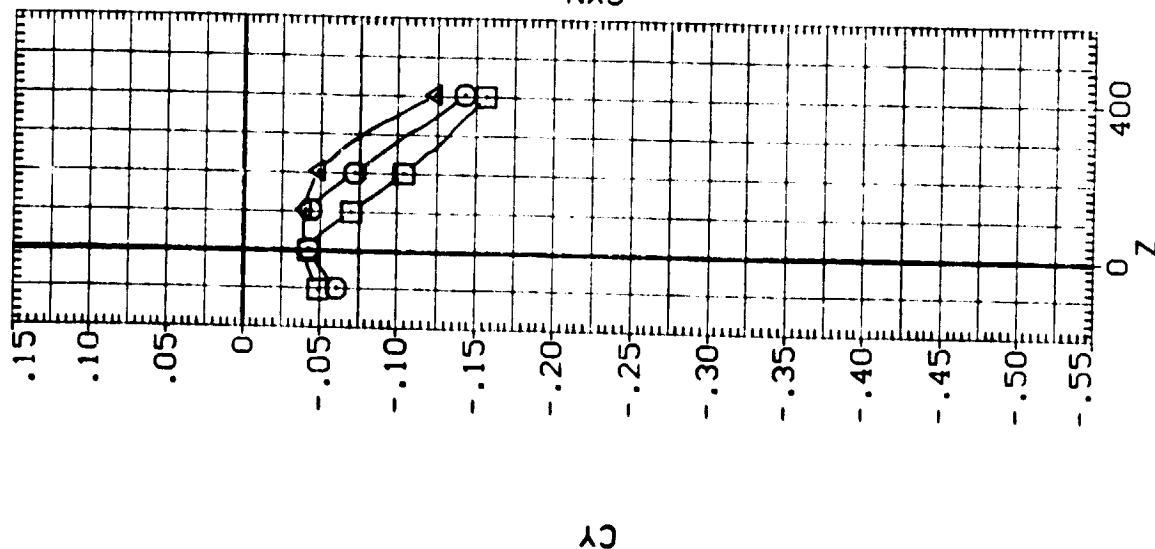


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-.5 BETA=15.7)

(B)Y = -200.00



**DATA SET SYMBOL**

( ATU296 )  
 ( ATU299 )  
 ( ATU300 )



(A)Y

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU297)	AEDC/VA528(IAB7)-01ETIS1-L/H	200	8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU298)	AEDC/VA528(IAB7)-01ETIS1-L/H	5.200	8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU301)	AEDC/VA526(IAB7)-01ETIS1-L/H	-4.800	8.000	300.000	4.520	BRF 1290.3000 INCHES
						MRP 1258.5000 IN. XS
						YMRP .0000 IN. YS
						ZMRP .0000 IN. ZS
						SCALE .0100

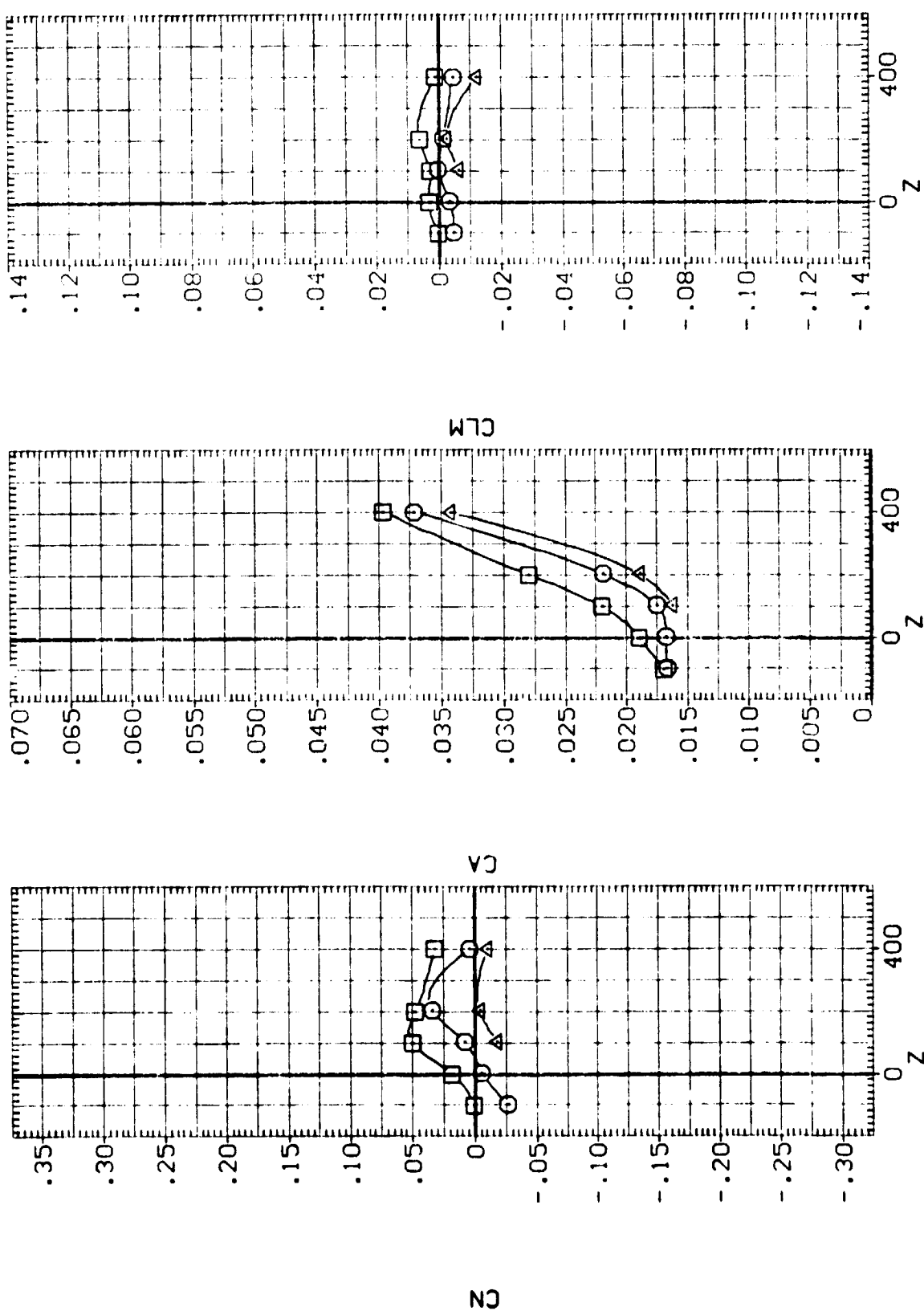


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM O/ET (ALPHA=-.5 BETA=15.7)

(A)Y = -200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	S98	SEPAR. FROM	0/ET	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(ATU297)	AEDC/VA528(1A87)-01ETIS1-L/H	S98	SEPAR. FROM	0/ET	.200	8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(ATU298)	AEDC/VA528(1A87)-01ETIS1-L/H	S98	SEPAR. FROM	0/ET	5.200	8.000	300.000	4.520	LREF 1290.3000 INCHES
(ATU301)	AEDC/VA528(1A87)-01ETIS1-L/H	S98	SEPAR. FROM	0/ET	-4.800	8.000	300.000	4.520	BREF 1290.3000 INCHES
									XMRP 1258.5000 IN. XS
									YMRP .0000 IN. YS
									ZMRP 400.0000 IN. ZS
									SCALE .0100

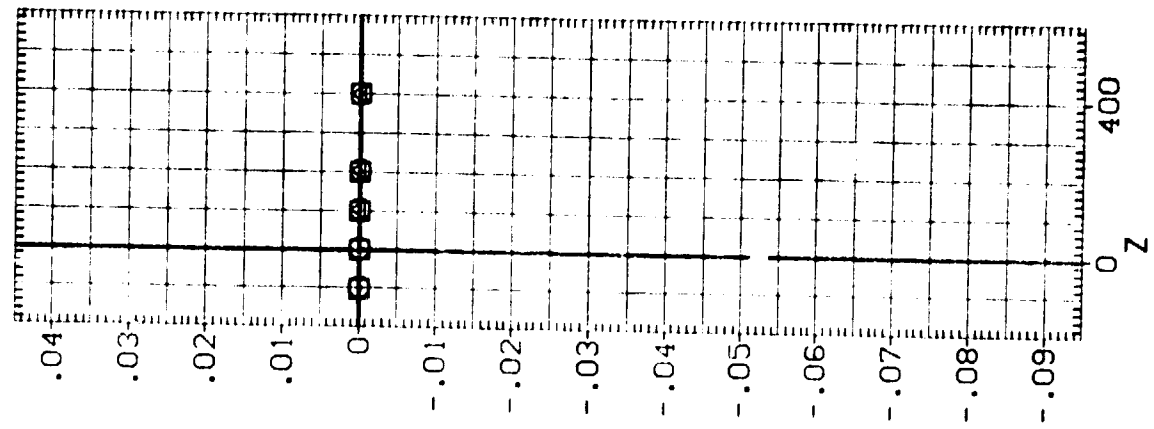
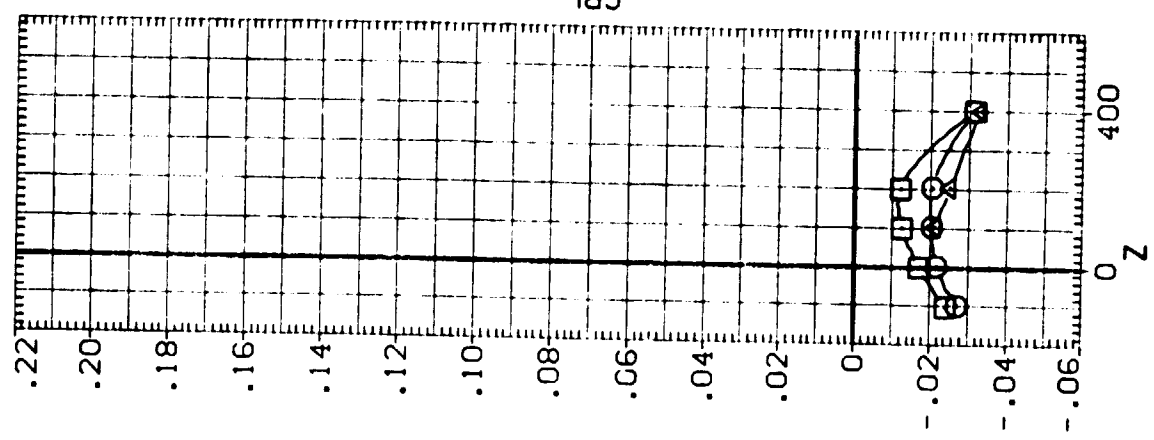
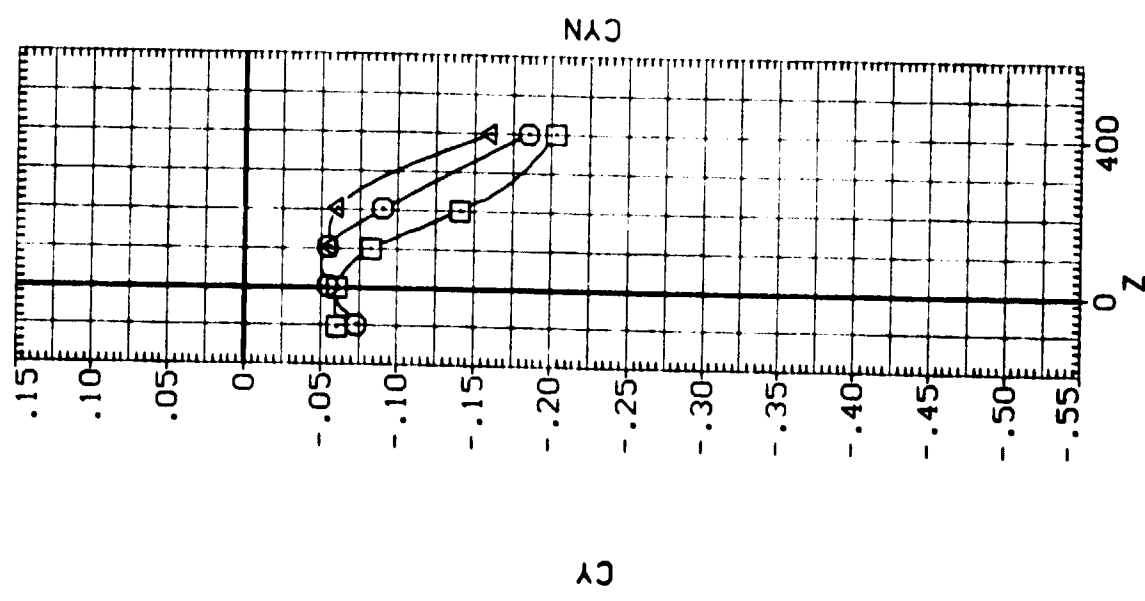


FIG 19 LEFT SRB AERO CHARACT. SEPARATING FROM 0/ET (ALPHA=-.5 BETA=15.7)

(A)Y = -200.00



DATA SET SYMBOL  
(RTU001)  
(RTU004)  
(RTU005)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ETIS1-098/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-098/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-098/ET V R/H SRB SEPAR.

MACH 4.520  
REF 1290.3000  
BREF 1290.3000  
XMRP 1097.0000  
ZMRP 450.0000  
SCALE .0100

ALPHA 0.000  
BETA 0.000  
5.000  
-5.000

DELTA 0.000  
0.000  
0.000

X 0.000  
0.000  
0.000

REFERENCE INFORMATION  
SQ.FT. 2690.0000  
INCHES 1290.3000  
IN. XT 1290.3000  
IN. YT 1097.0000  
IN. ZT 450.0000

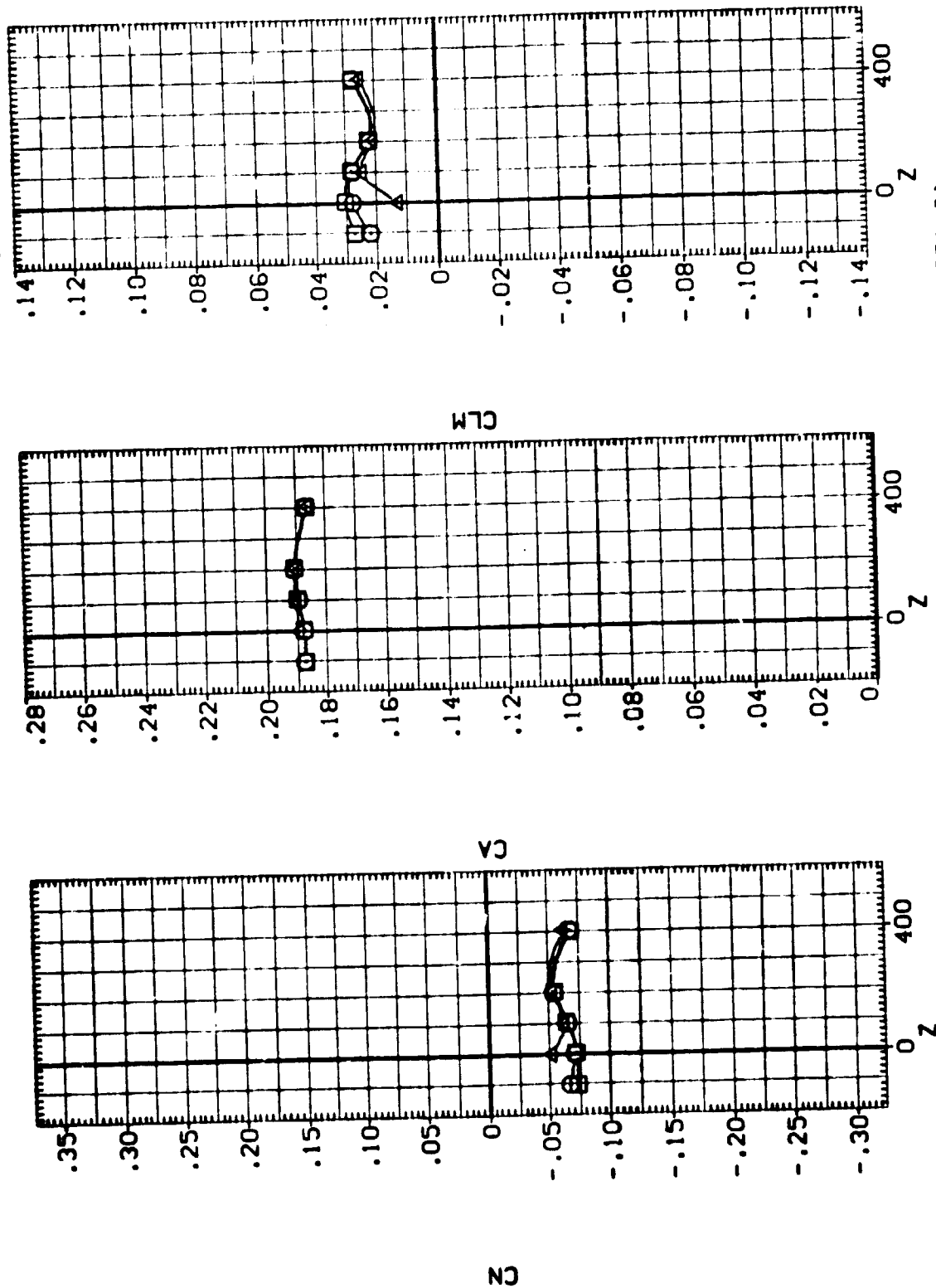


FIG.20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(B)Y =100.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU001) AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 (RTU004) AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 (RTU005) AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

DELTA DBETA X .000 .000 .000  
 .000 .000 .000  
 .000 .000 .000

MACH 4.520 4.520 4.520  
 SREF 2690.0000 2690.0000 2690.0000  
 LREF 1290.3000 1290.3000 1290.3000  
 XHRP 1097.0000 1097.0000 1097.0000  
 YHRP .0000 .0000 .0000  
 ZHRP 450.0000 450.0000 450.0000  
 SCALE .0100 .0100 .0100

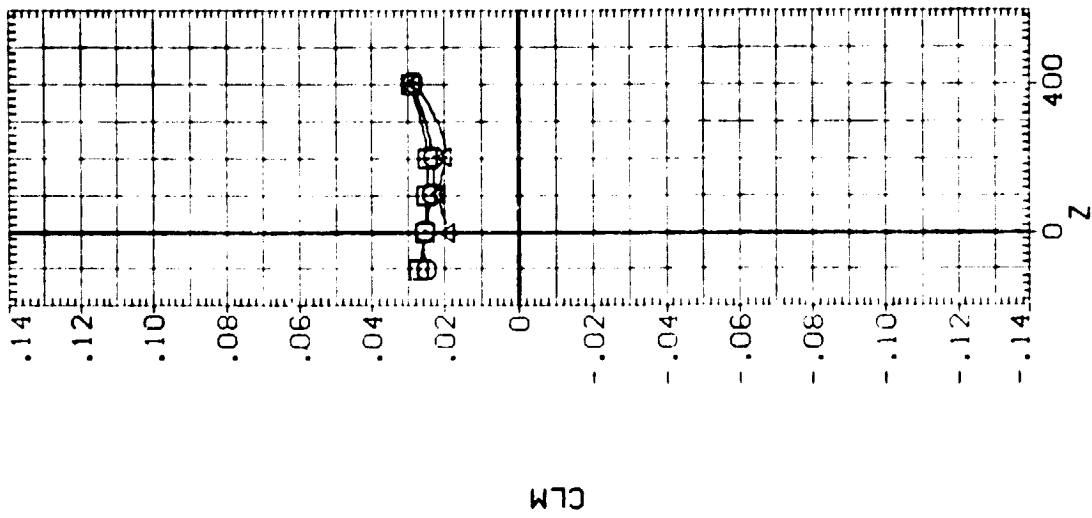
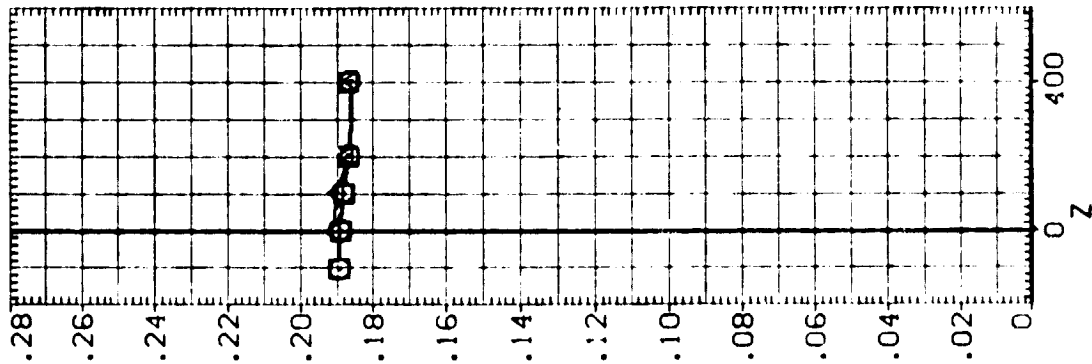
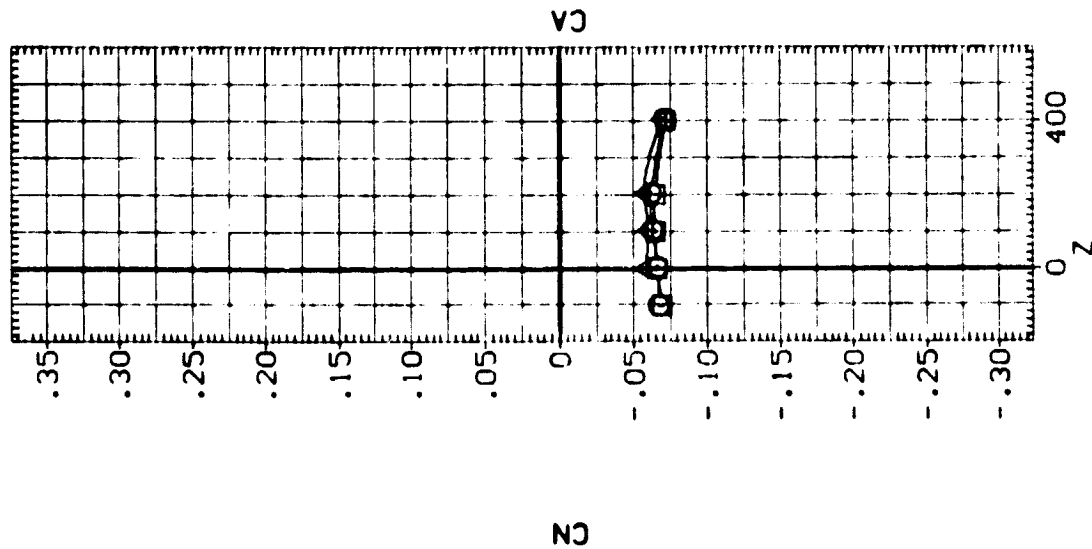


FIG.20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)  
 (C)Y =200.00

DATA SET SYMBOL

CONFIGURATION DESCRIPTION

DELTA BETA X

MACH

REFERENCE INFORMATION  
 SREF 2690.0000 50 FT  
 LREF 290.3000 INCHES  
 SREF 290.3000 INCHES  
 XREF 09.0000 IN. X  
 YREF 09.0000 IN. Y  
 ZREF 450.0000 IN. Z  
 SCALE 0.00

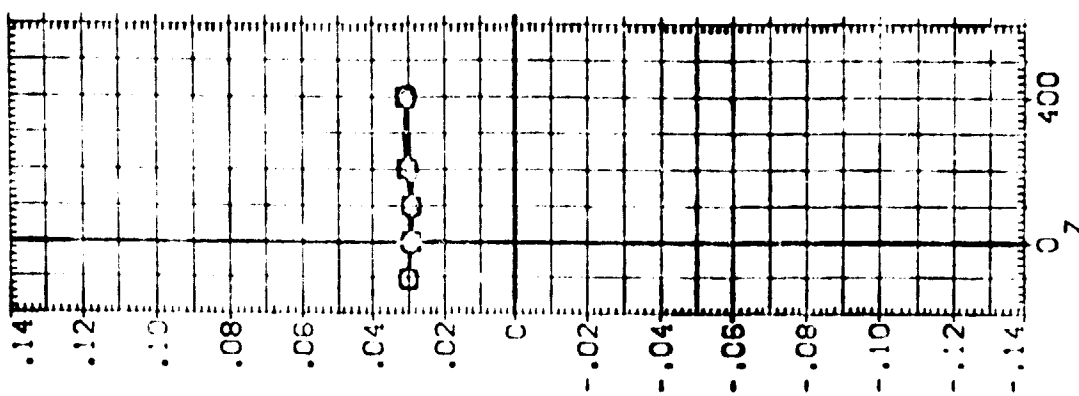
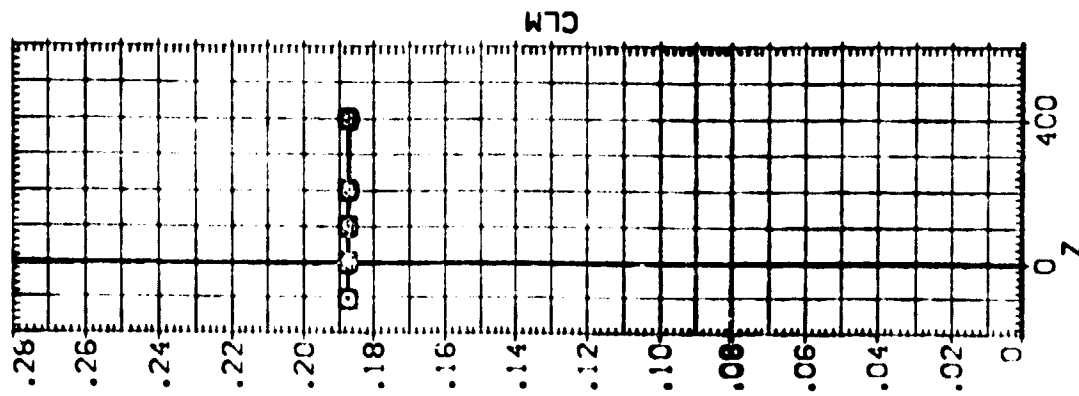
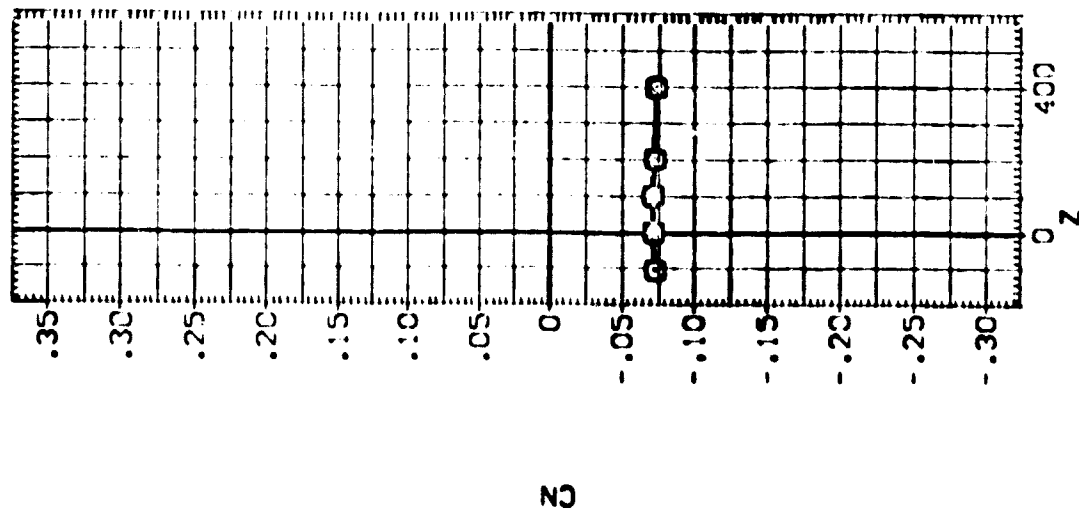


FIG.20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

COY = 400.00





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU001)	AEDC/VAS281(A87)-01ET151-0RB/ET V R/H SRB SEPAR.	.000	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU004)	AEDC/VAS281(A87)-01ET151-0RB/ET V R/H SRB SEPAR.	.000	.000	.000	4.520	REF 1290.3000 INCHES
(RTU005)	AEDC/VAS281(A87)-01ET151-0RB/ET V R/H SRB SEPAR.	.000	.000	.000	4.520	BREF 1290.3000 INCHES
						14RP .0000 IN. Y1
						24RP .0000 IN. Y1
						SCALE 450.0000 IN. Z1

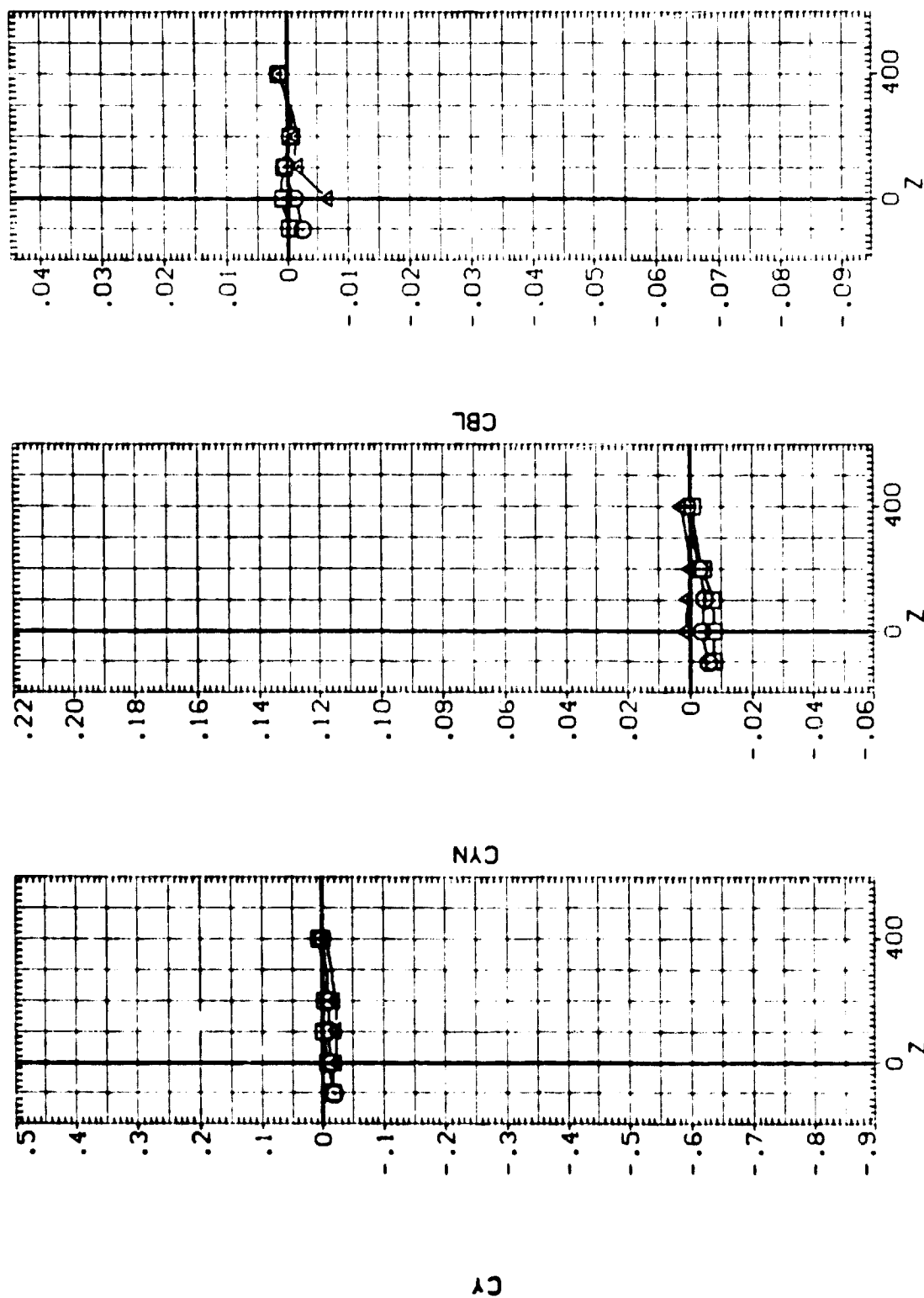


FIG.20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(A)Y = 10.00

DATA SET SYMBOL	CONF IGURATION DESCRIPTION	DALPHA	CBETA	X	MACH	REFERENCE INFORMATION
(RTU001)	AE/C/VAS28(1A87)-01ET1S1-0RB/ET	.000	.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTU004)	AE/C/VAS28(1A87)-C1ET1S1-0RB/ET	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(RTU005)	AE/C/VAS28(1A87)-01ET1S1-0RB/ET	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1057.0000 IN. YI
						YMRP 450.0000 IN. ZI
						SCALE .0100

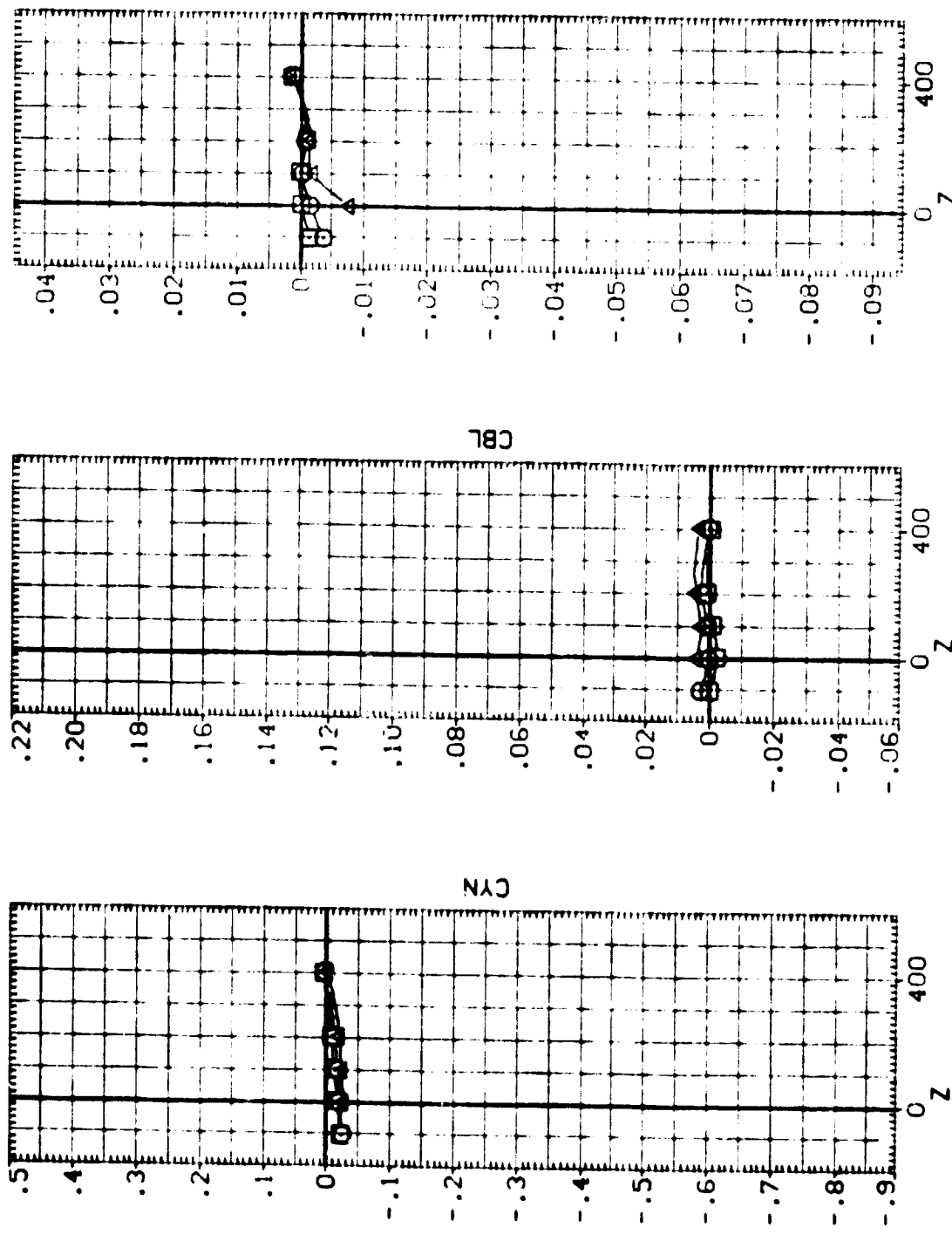


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(B)Y =100.00





DATA SET SYMBOL CONFIGURATION DESCRIPTION

RTU001)  
(RTU004)  
(RTU005)

AEDC/VAS28(IAB7)-01ET1S1-068/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-01ET1S1-068/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-01ET1S1-068/ET V R/H SRB SEPAR.

REFERENCE INFORMATION  
SREF 2650.0000 SQ.FT.  
LREF 1250.3000 INCHES  
BREF 1250.3000 INCHES  
XMRP 1057.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

MACH 4.520  
X .000  
DBETA .000  
DALPHA .000  
5.000  
-5.000

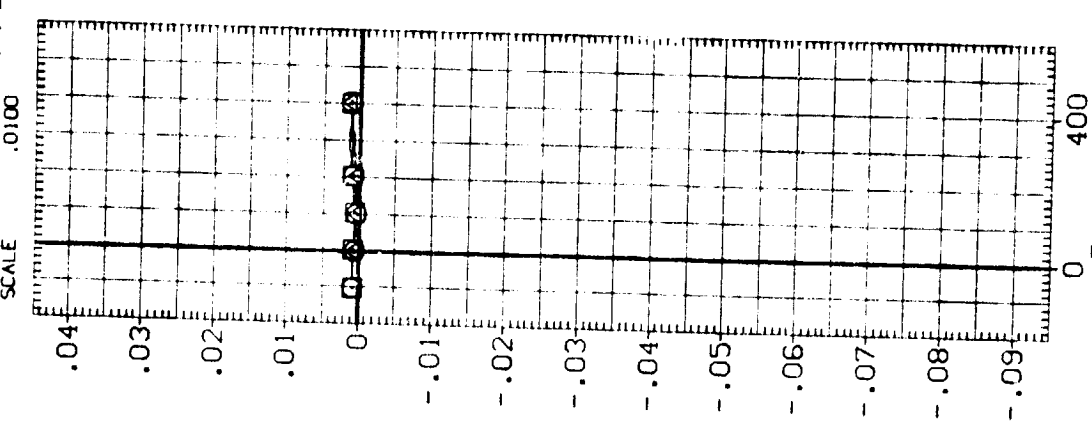
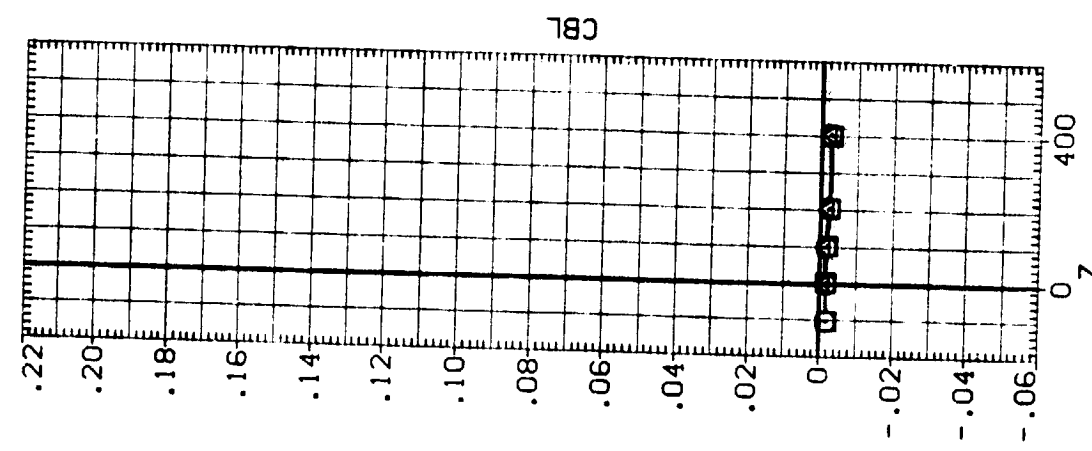
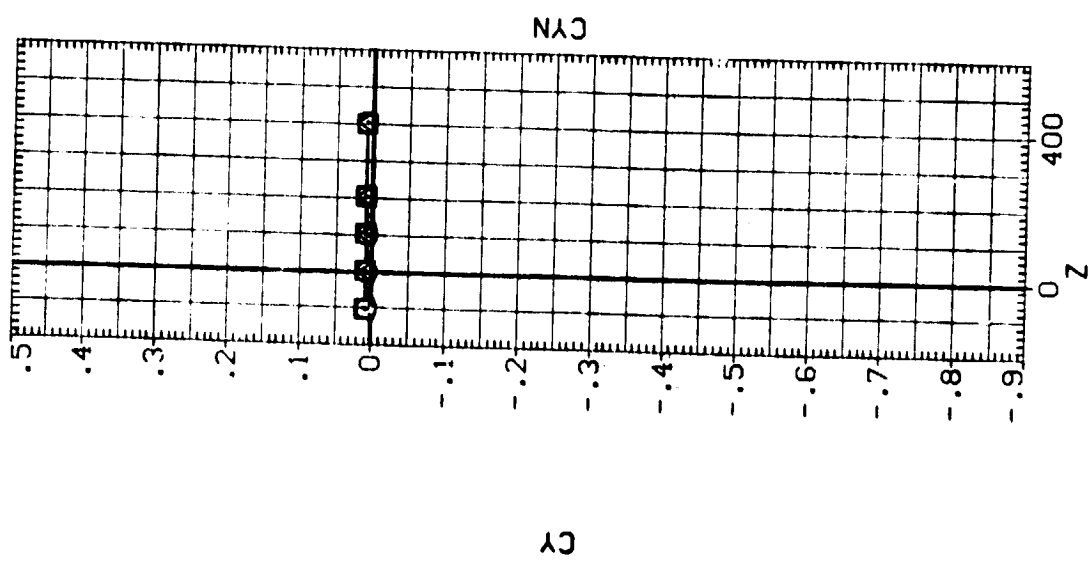


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)  
(D)Y =400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU002)	AEDC/VAS28(IAB7)-01ETIS1-0RB/ET	V	.000	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU003)	AEDC/VAS28(IAB7)-01ETIS1-0RB/ET	V	5.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU006)	AEDC/VAS28(IAB7)-01ETIS1-0RB/ET	V	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1097.0000 IN. XT
							YMRP .0000 IN. YT
							ZMRP .0000 IN. ZT
							SCALE 450.0000
							.0100

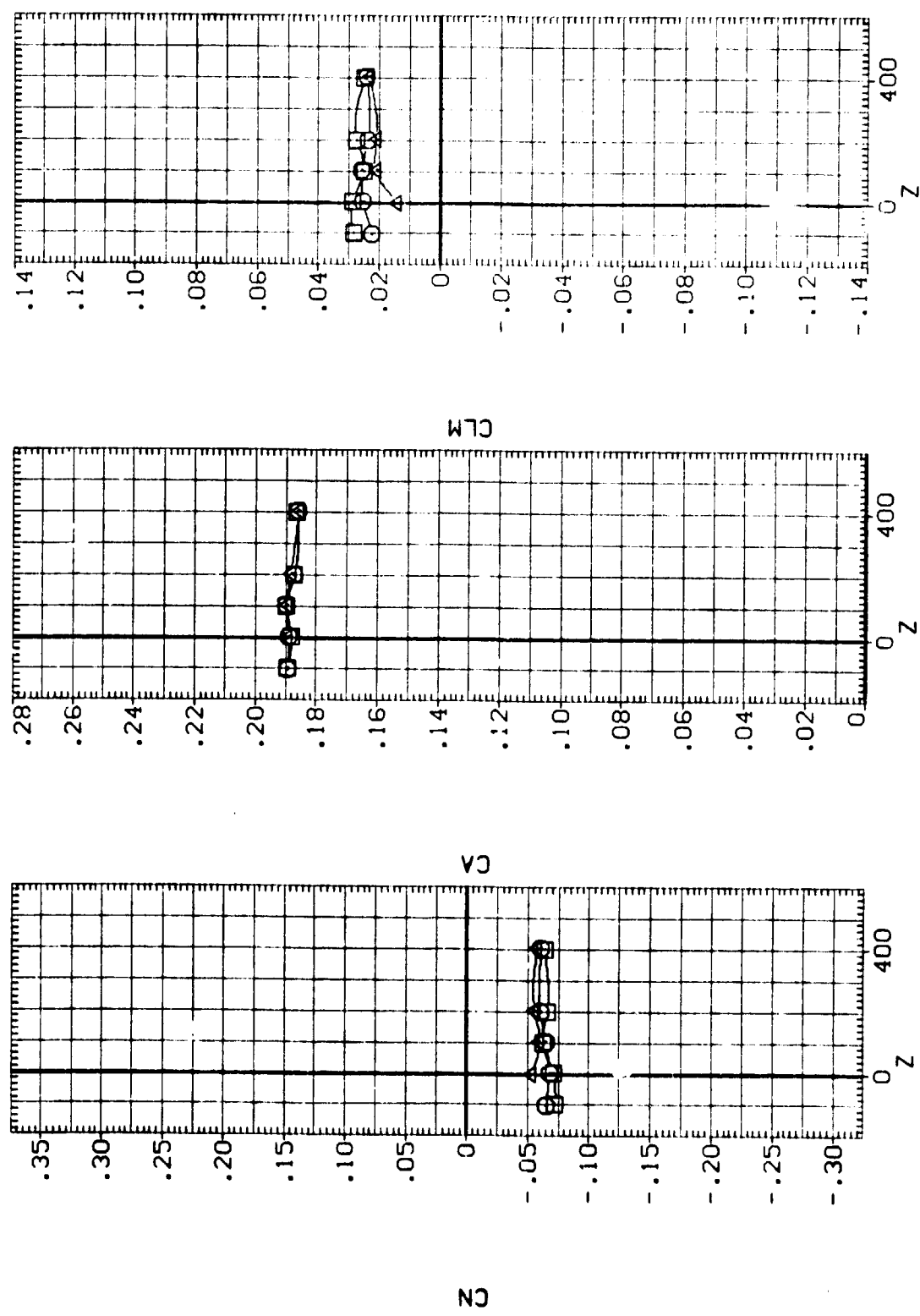


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(A)Y = 10.00

DATA SET SYMBOL: (RTU002) (RTU003) (RTU006)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

DELTA ALPHA: .000 .000 .000

BETA: .000 .000 .000

MACH: 4.520 4.520 4.520

REFERENCE INFORMATION: SREF 2650.0000 SQ.FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XMRP 1097.0000 IN. YMRP 0.0000 IN. ZMRP 450.0000 IN. SCALE .0100

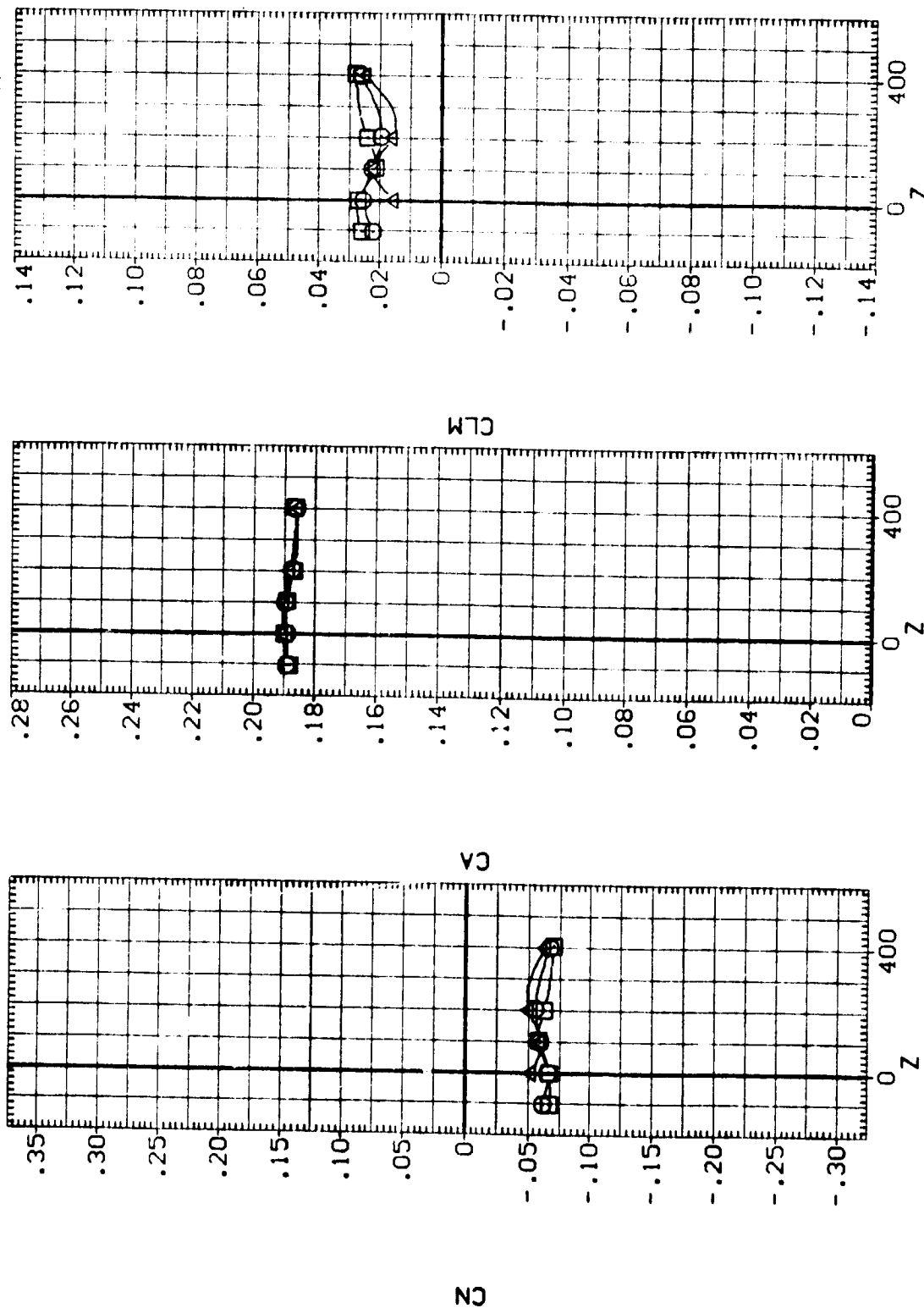


FIG.20 0/ET AERO CHARACT #/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)  
(B)Y =100.00



DATA SET SYMBOL  
(RTU002)  
(RTU003)  
(RTU006)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(IAB7)-01ET1S1-0RB/ET  
AEDC/VAS28(IAB7)-01ET1S1-0RB/ET  
AEDC/VAS28(IAB7)-01ET1S1-0RB/ET

R/H SRB SEPAR.  
R/H SRB SEPAR.  
R/H SRB SEPAR.

DALPHA DBETA  
.000  
5.000  
-5.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

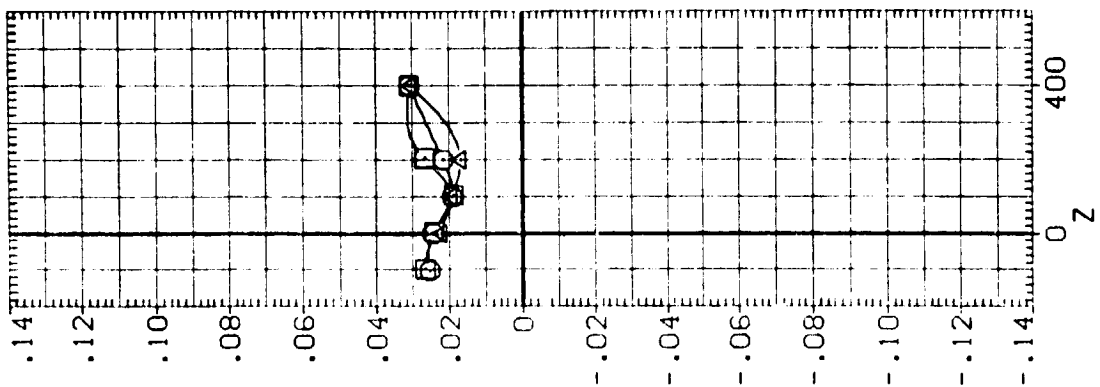
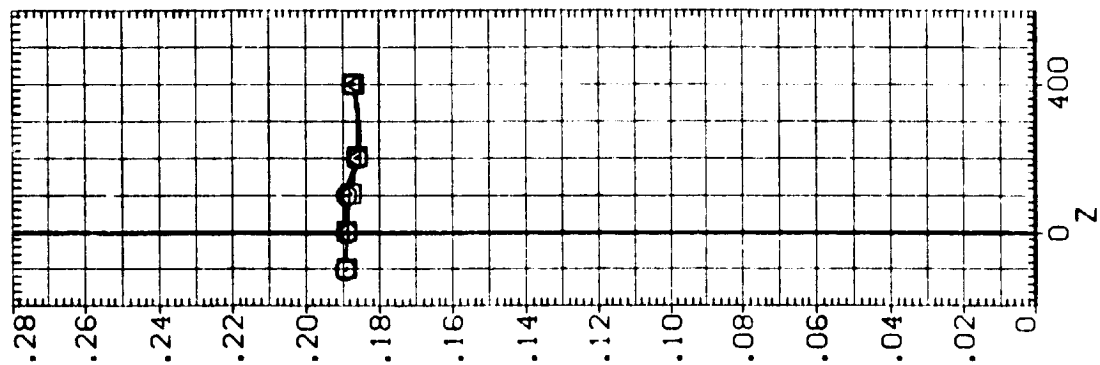
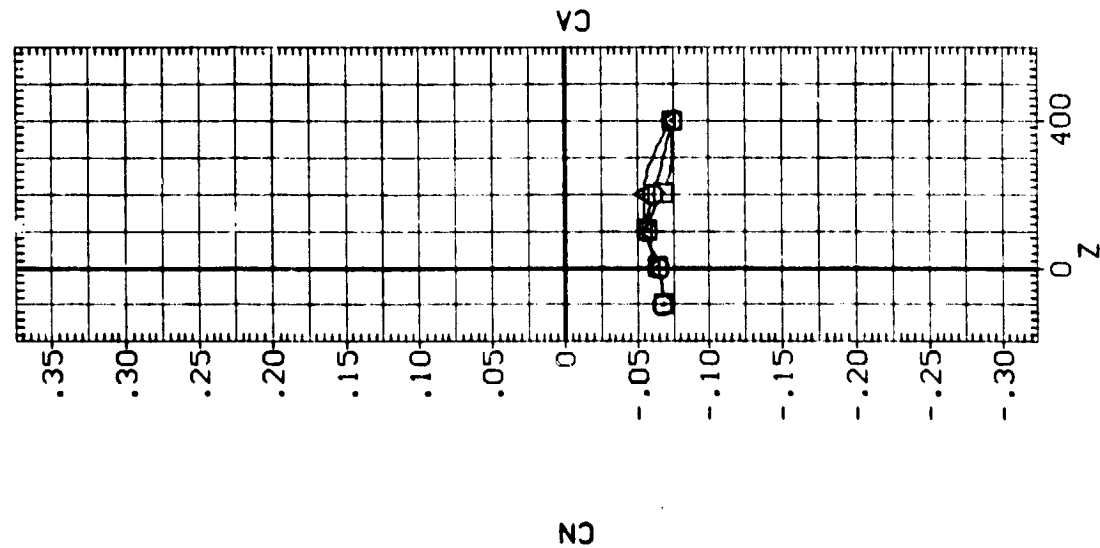


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)  
(C)Y =200.00

DATA SET SYMBOL: (RTU002) (RTU003) (RTU006)

CONFIGURATION DESCRIPTION:  
 AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION:  
 SREF 2890.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP 450.0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

MACH 4.520  
 X 300.000  
 DBETA .000  
 DALPHA .000  
 SRB SEPAR. 5.000  
 SRB SEPAR. -5.000

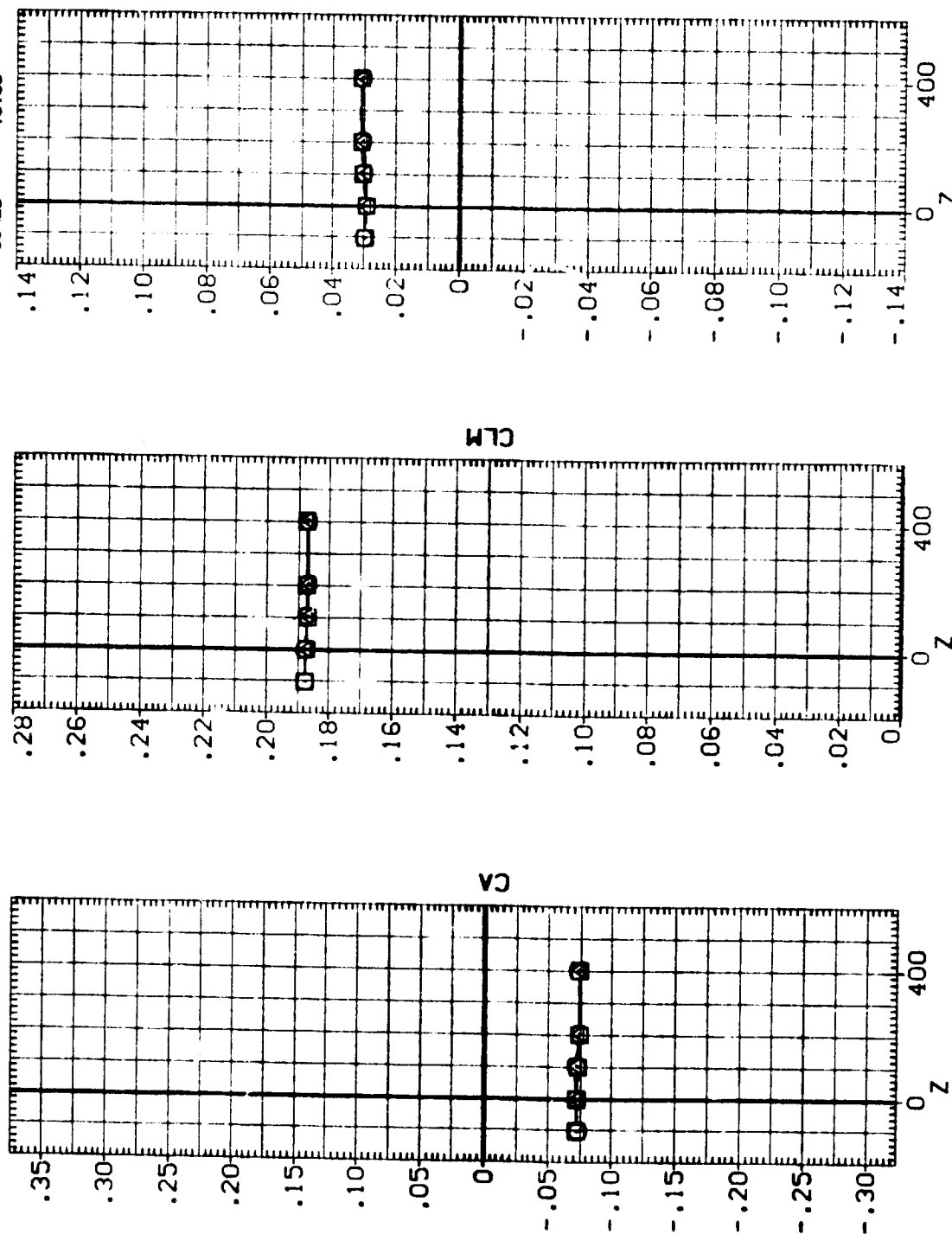


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(D)Y =400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU002)	AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU003)	AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU006)	AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. XT
						ZMRP .0000 IN. YT
						SCALE 450.0000 IN. ZT

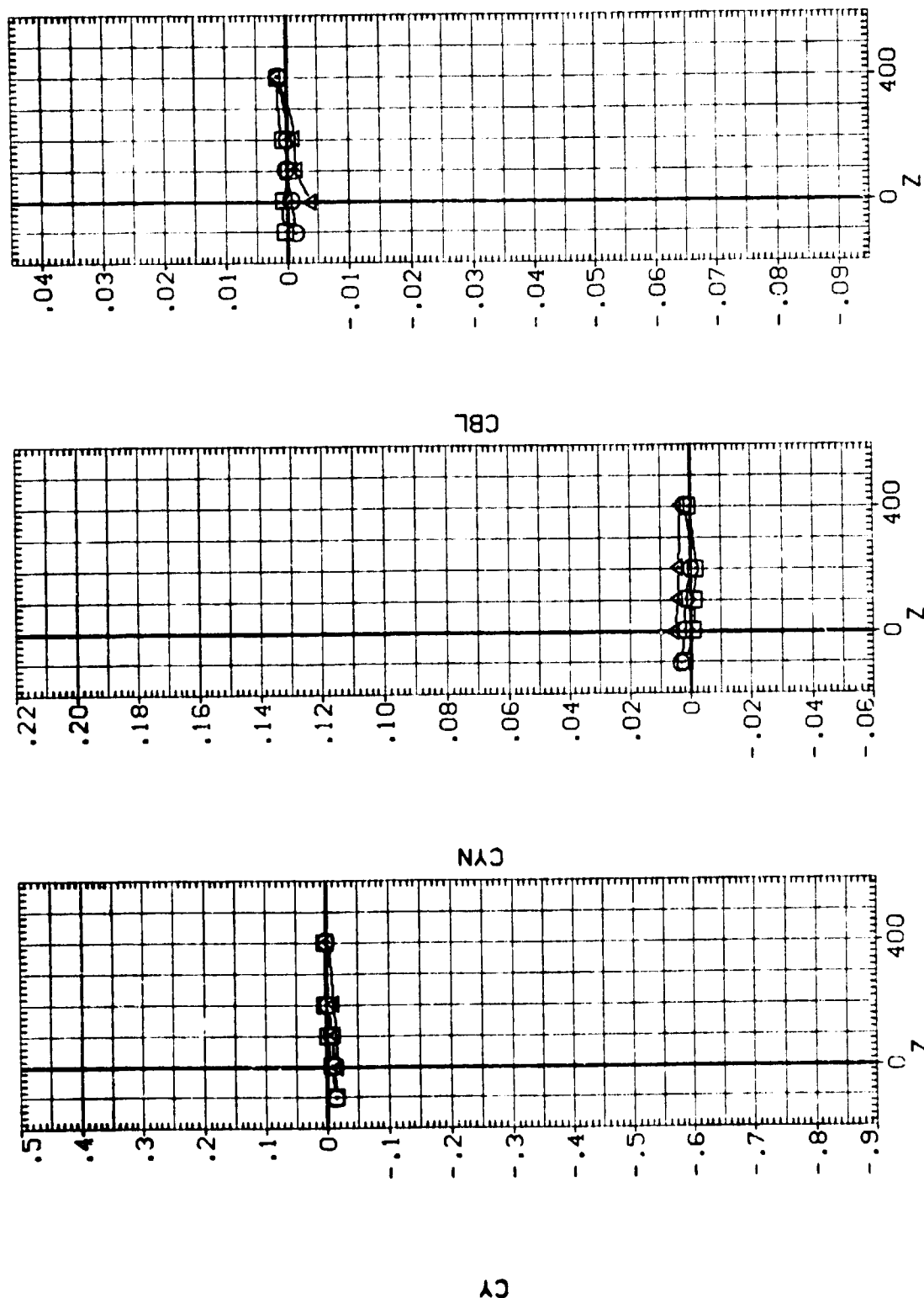


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(A)Y = 10.00

# DATA SET SYMBOL

(RTU002)  
(RTU003)  
(RTU006)



# CONFIGURATION DESCRIPTION

AEDC/VAS28(IAB7)-01ETISI-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-01ETISI-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-01ETISI-0RB/ET V R/H SRB SEPAR.

DALPHA  
.000  
5.000  
-5.000

DBETA  
.000  
.000  
.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

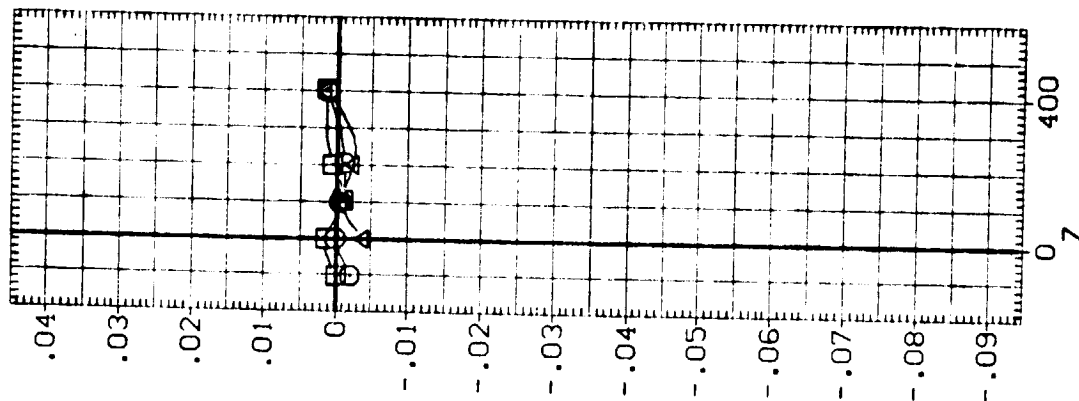
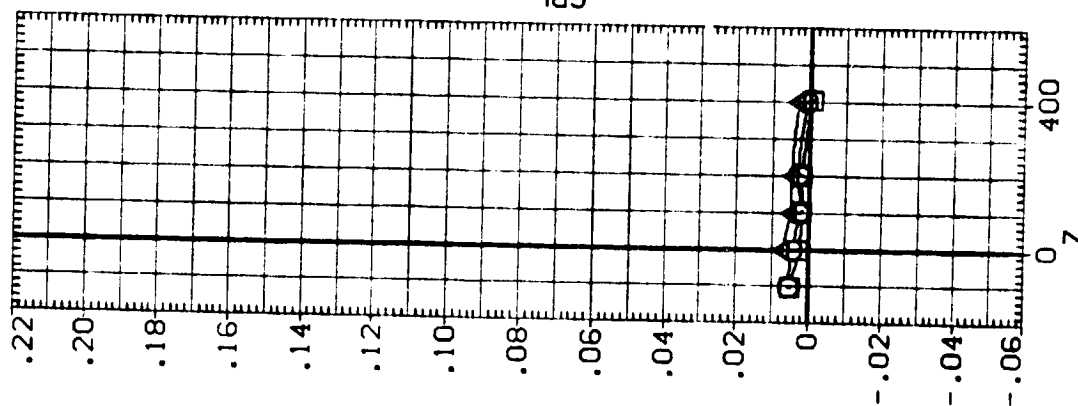
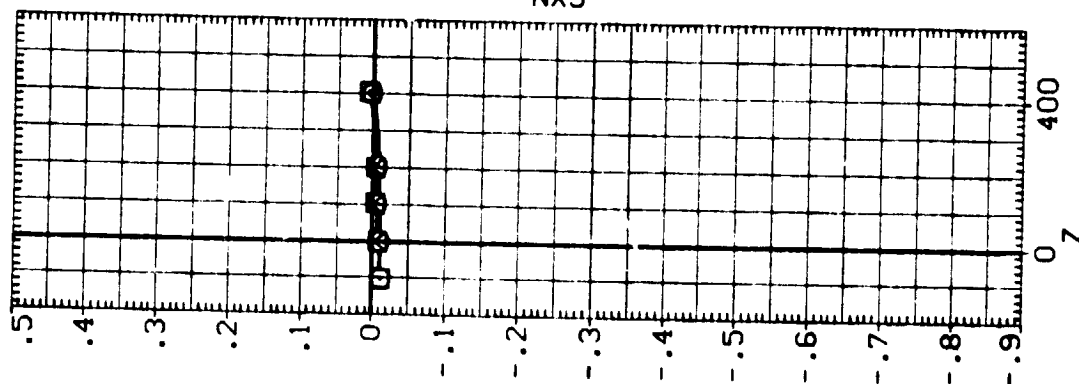


FIG.20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU002)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	.000	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU003)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	.500	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU006)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

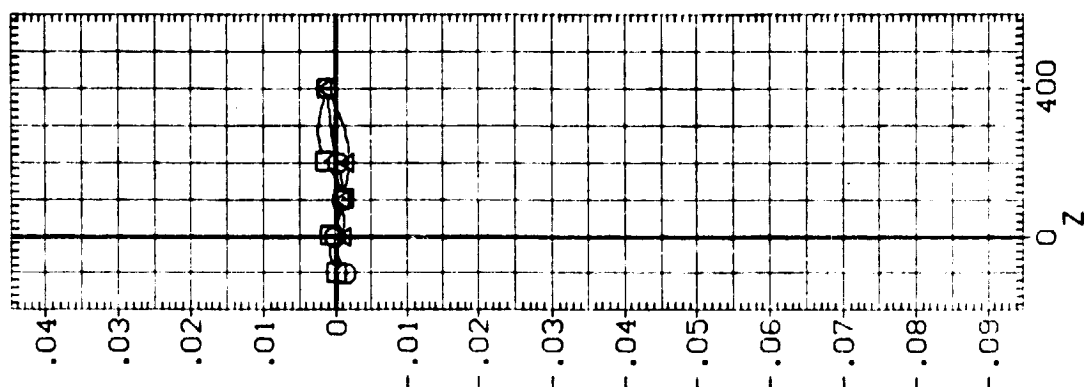
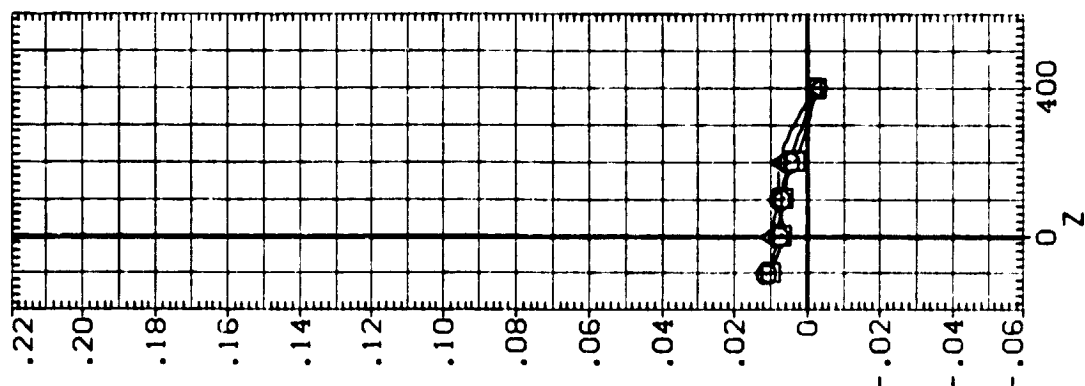
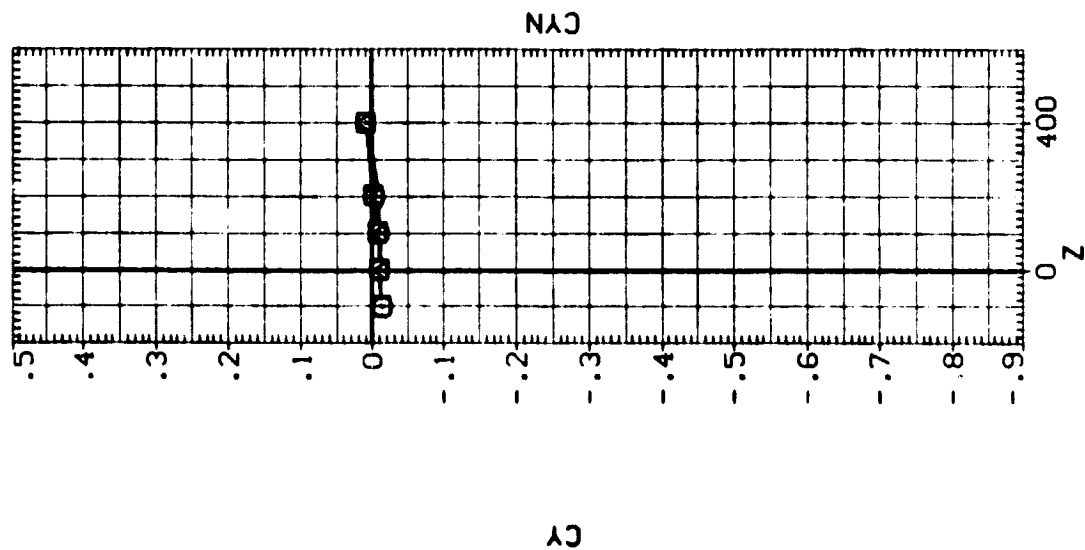


FIG.20 O/ET AERO CHARACTERISTICS W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(C)Y =200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU002)	AECD/VAS28(1A87)-01ET1S1-0R8/ET V R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION		
(RTU003)	AECD/VAS28(1A87)-01ET1S1-0R8/ET V R/H SRB SEPAR.	.000	.000	300.000	4.520	SREF	2690.0000	50. FT.
(RTU006)	AECD/VAS28(1A87)-01ET1S1-0R8/ET V R/H SRB SEPAR.	5.000	.000	300.000	4.520	LREF	1290.3000	INCHES
		-5.000	.000	300.000	4.520	BREF	1290.3000	INCHES
						XMRP	1097.0000	IN. XT
						YMRP	.0000	IN. YT
						ZMRP	450.0000	IN. ZT
						SCALE	.0100	

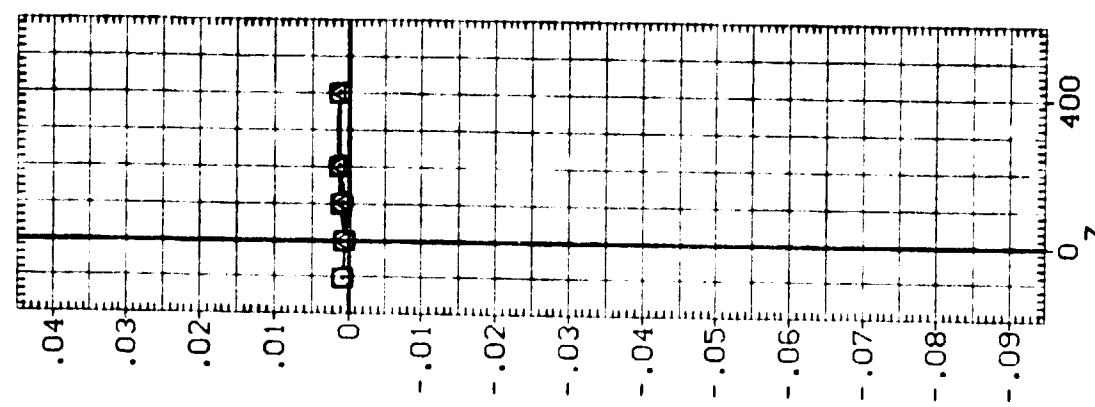
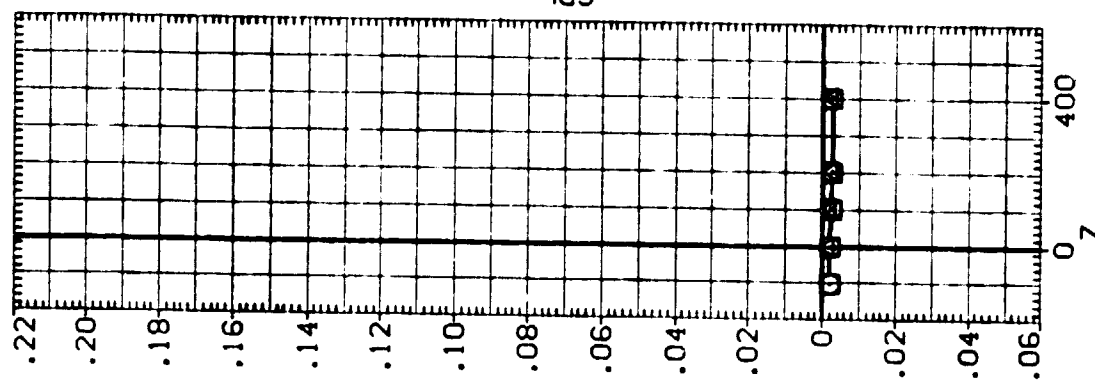
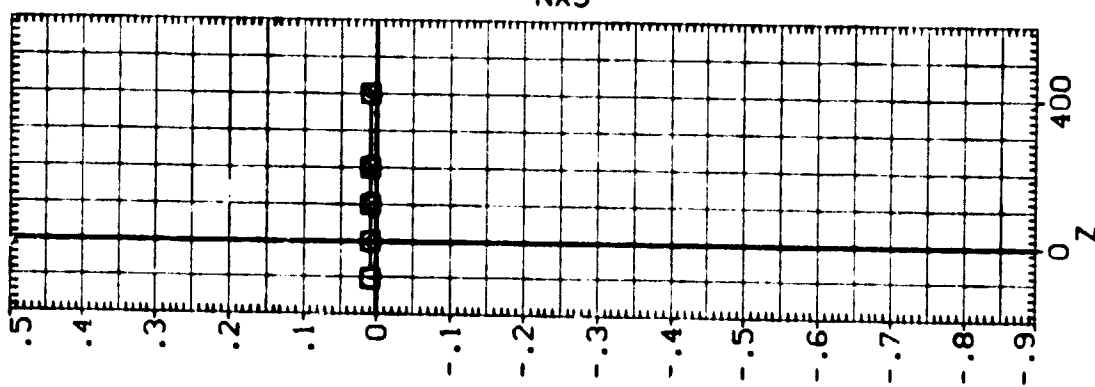


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(0)Y =400.00

DATA SET SYMBOL  
(RTU007)  
(RTU010)  
(RTU011)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

DALPHA DBETA  
.000 -4.000  
5.000 -4.000  
-5.000 -4.000

X .000  
.000  
.000

MACH 4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 50.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

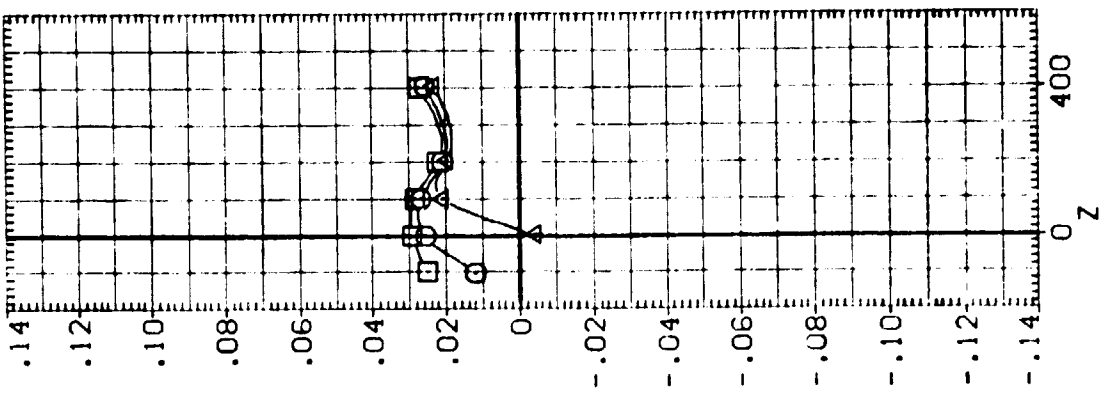
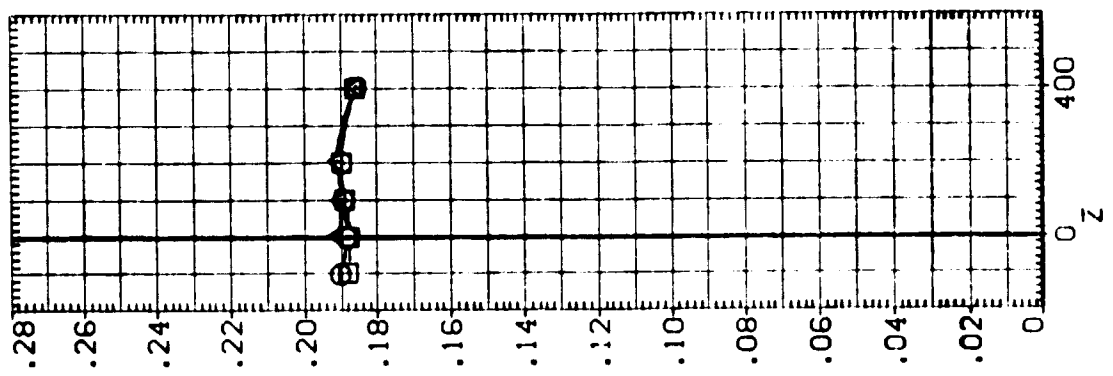
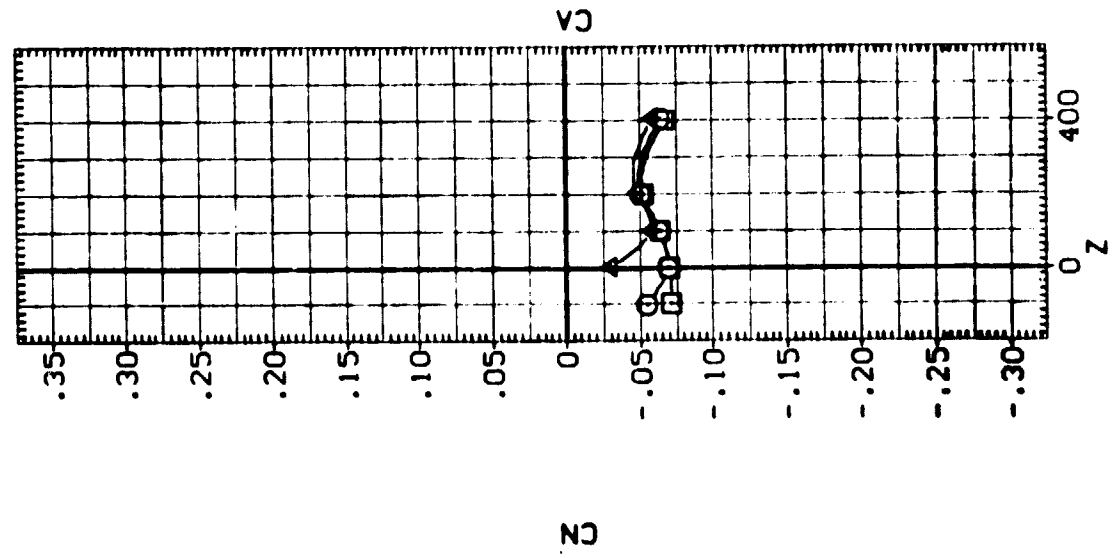


FIG.20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(B)Y =100.00

DATA SET SYMBOL: (RTU007) (RTU010) (RTU011)

CONFIGURATION DESCRIPTION:  
 AEDC/VAS28(IAG7)-01ETIS1-OR8/ET V R/H SRB SEPAR.  
 AEDC/VAS28(IAG7)-01ETIS1-OR8/ET V R/H SRB SEPAR.  
 AEDC/VAS28(IAG7)-01ETIS1-OR8/ET V R/H SRB SEPAR.

DELTA ALPHA: .000 -4.000 -4.000 -4.000  
 .000 .000 .000 .000

MACH: 4.520 4.520 4.520 4.520

REFERENCE INFORMATION:  
 SREF: 2690.0000 50. FT.  
 LREF: 1290.3000 INCHES  
 BREF: 1290.3000 INCHES  
 XPRP: 1097.0000 IN. Y1  
 YPRP: 450.0000 IN. Y1  
 ZPRP: 450.0000 IN. Z1  
 SCALE: .0100

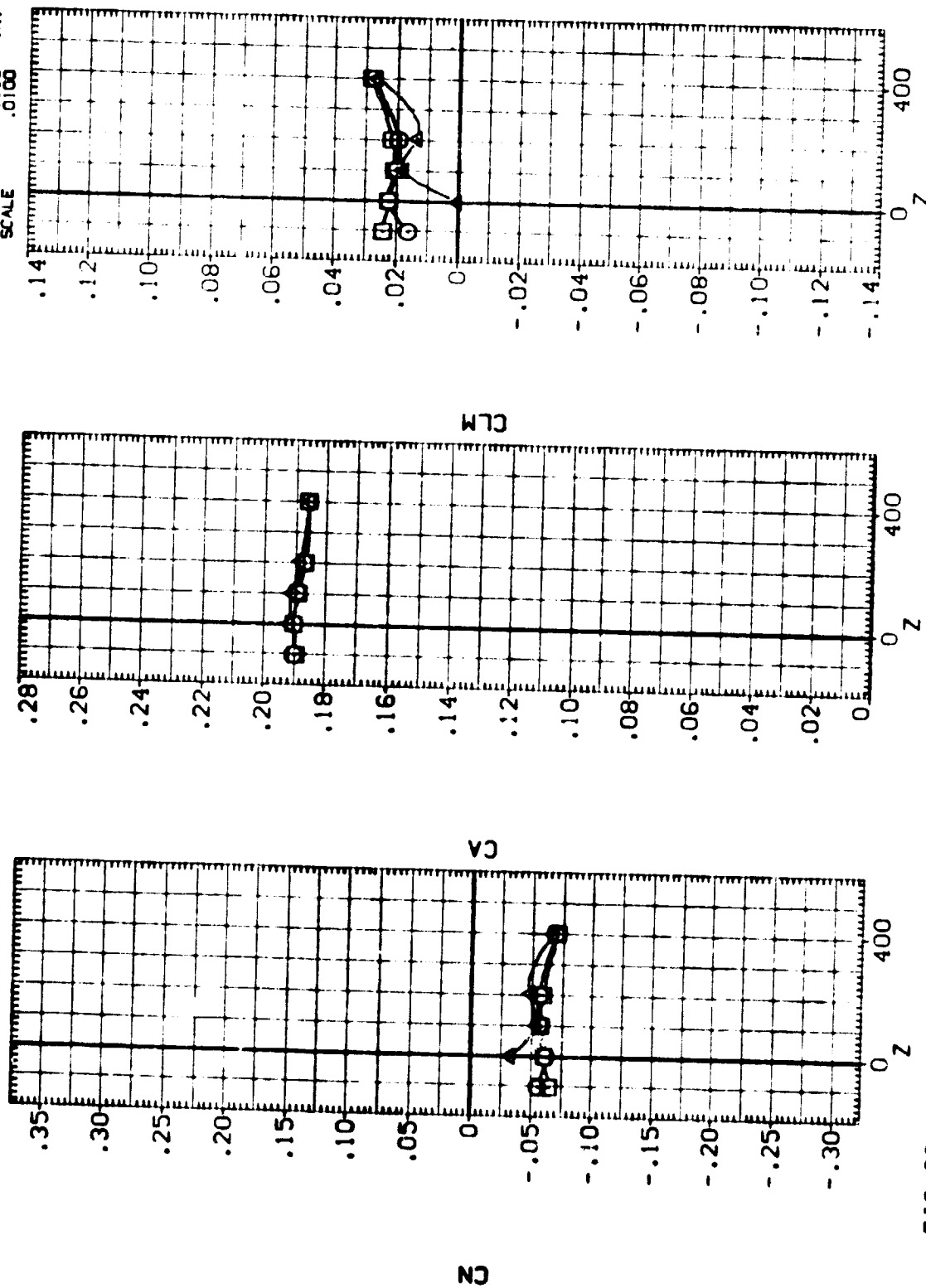


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)  
 (C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU007)	AEDC/VAS281(1A87)-01ET1S1-0RB/ET	.000	-4.000	.000	4.520	SREF 2690.0000 50.FT.
(RTU010)	AEDC/VAS281(1A87)-01ET1S1-0RB/ET	.000	-4.000	.000	4.520	REF 1290.3000 INCHES
(RTU011)	AEDC/VAS281(1A87)-01ET1S1-0RB/ET	-5.000	-4.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. YI
						YMRP .0000 IN. YI
						ZMRP 450.0000 IN. ZI
						SCALE .0100

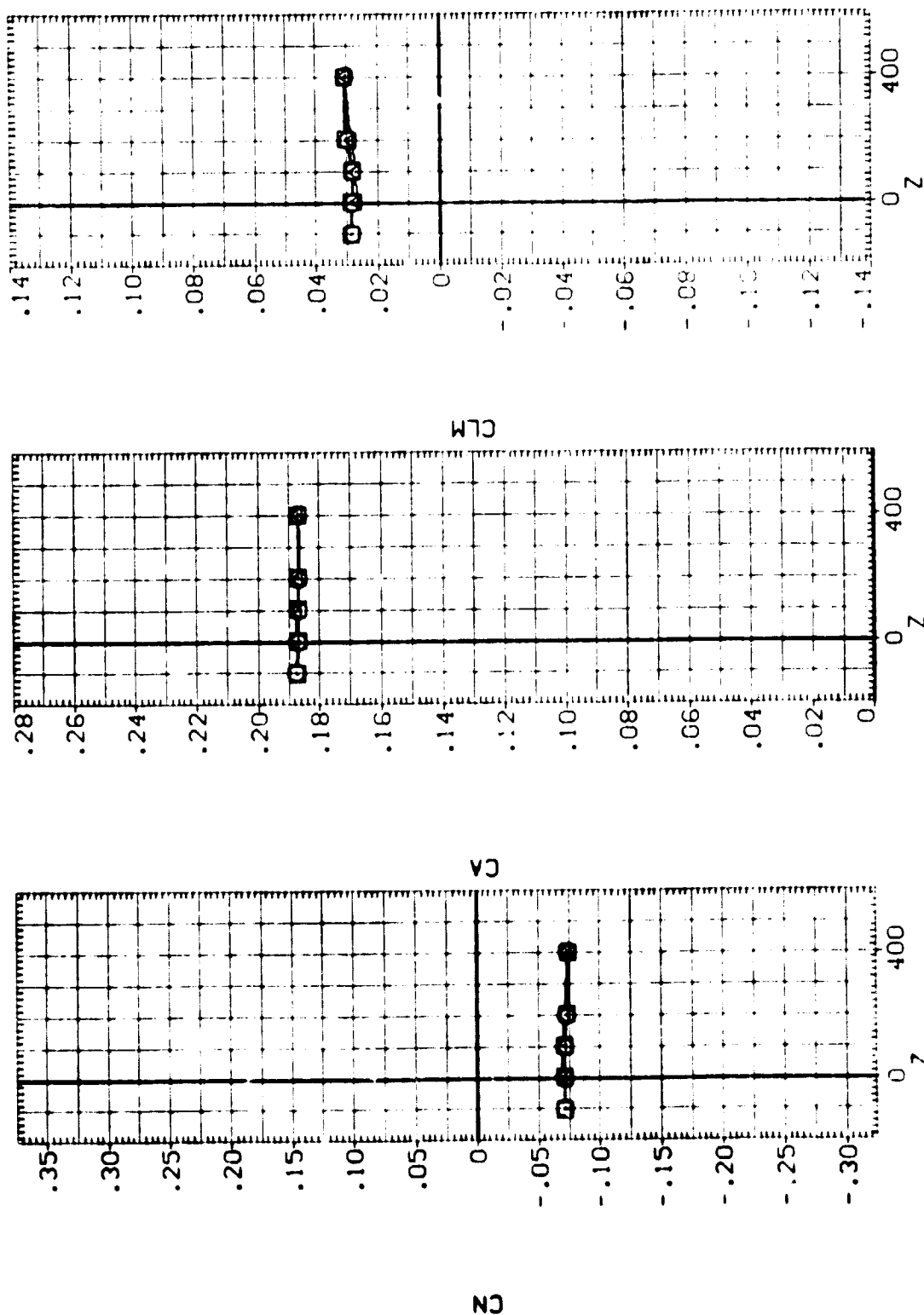


FIG.20 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(D)Y =400.00

DATA SET SYMBOL: (RTU007) (RTU010) (RTU011)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ET1S1-08B/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-08B/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-08B/ET V R/H SRB SEPAR.

REFERENCE INFORMATION: SREF 2630.0000 50.FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XPRP 1097.0000 IN. Y1 YPRP 450.0000 IN. Z1 SCALE .0100

MACH 4.520 .000 4.520 .000 4.520 .000

ALPHA 0.000 -4.000 5.000 -4.000

BETA 0.000 -4.000 5.000 -4.000

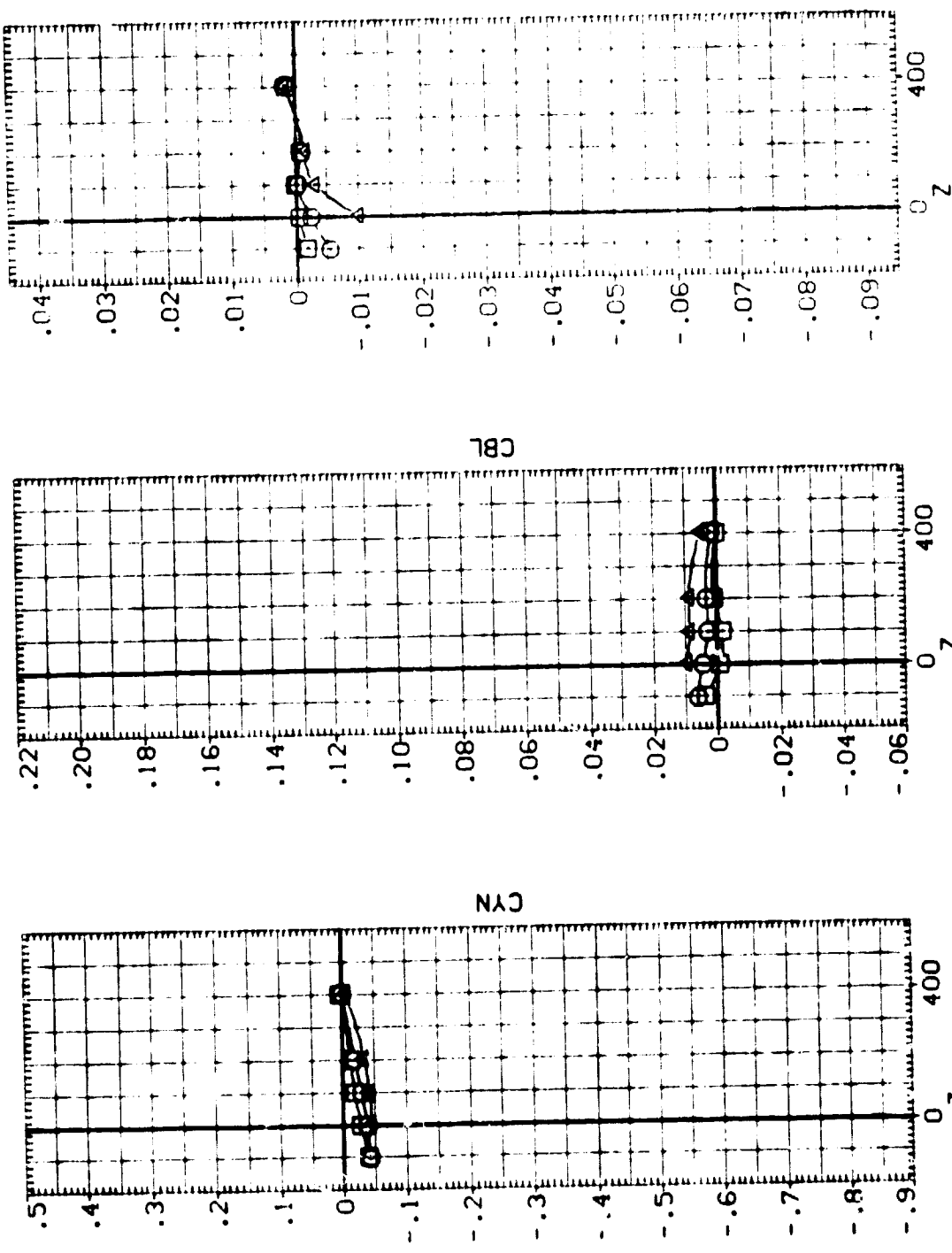


FIG.20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)  
(B)Y =100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU007)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	.000	-4.000	.000	4.520	SREF 2630.0000 SQ.FT.
(RTU010)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	.000	-4.000	.000	4.520	LREF 1290.3000 INCHES
(RTU011)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	-5.000	-4.000	.000	4.520	RREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP 0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

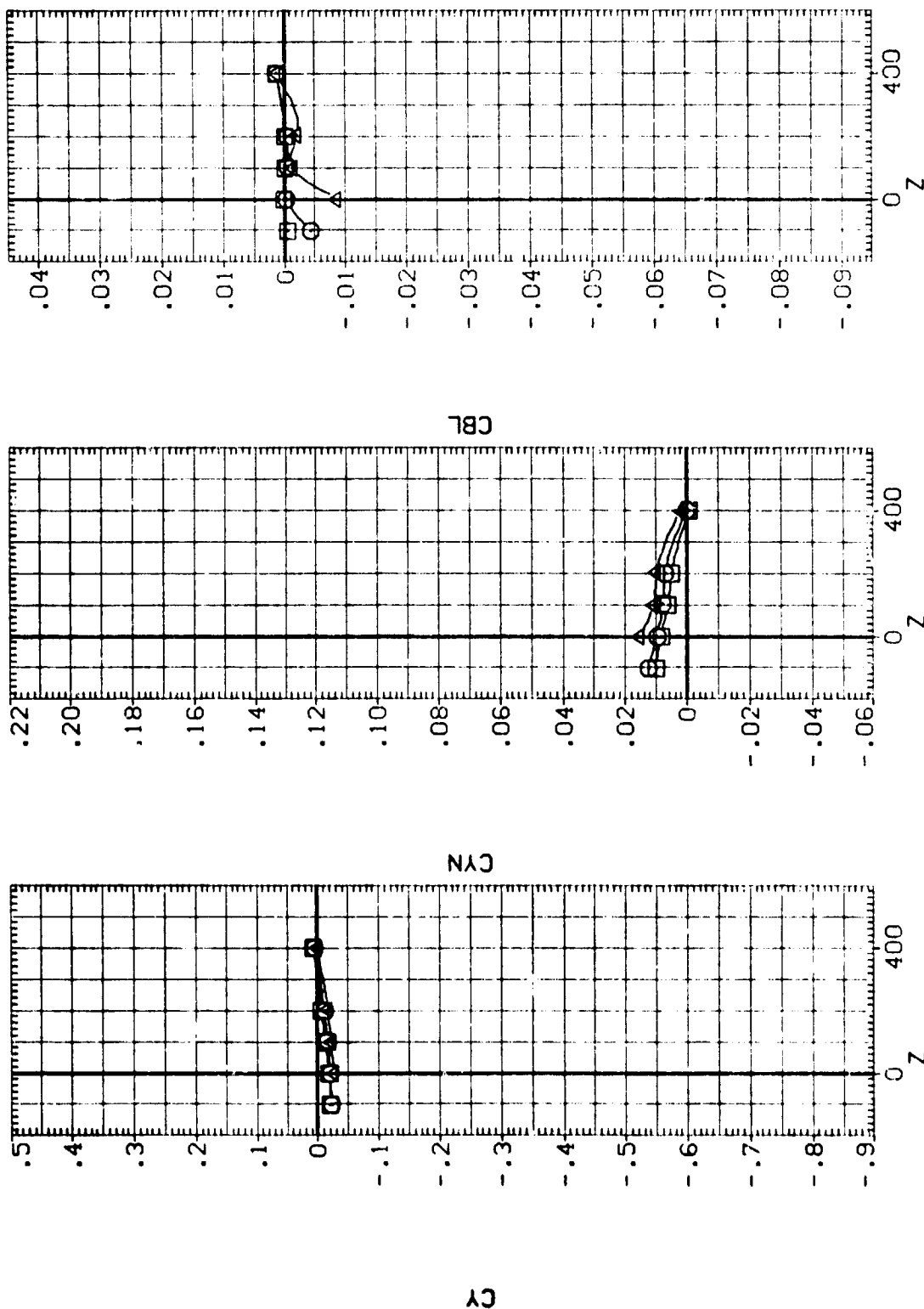


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(C)Y =200.00

# DATA SET SYMBOL

(RTU007)  
(RTU010)  
(RTU011)

# CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

# REFERENCE INFORMATION

MACH 4.520  
SREF 2590.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

# DBETA

.000  
.000  
.000

# DALPHA

.000  
5.000  
-5.000

# DBETA

-4.000  
-4.000  
-4.000

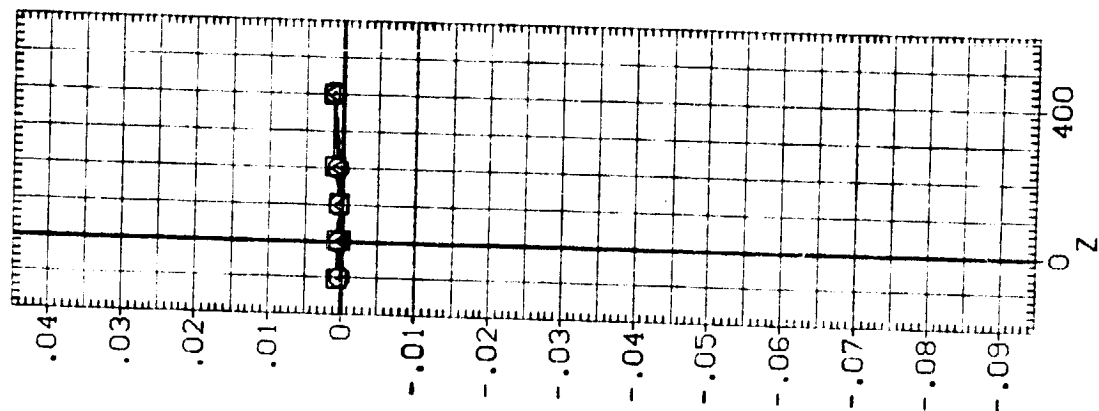
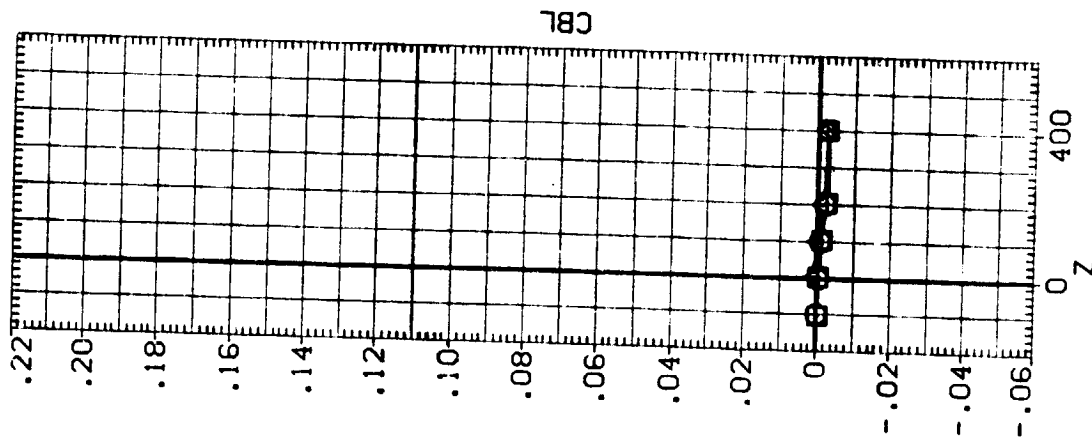
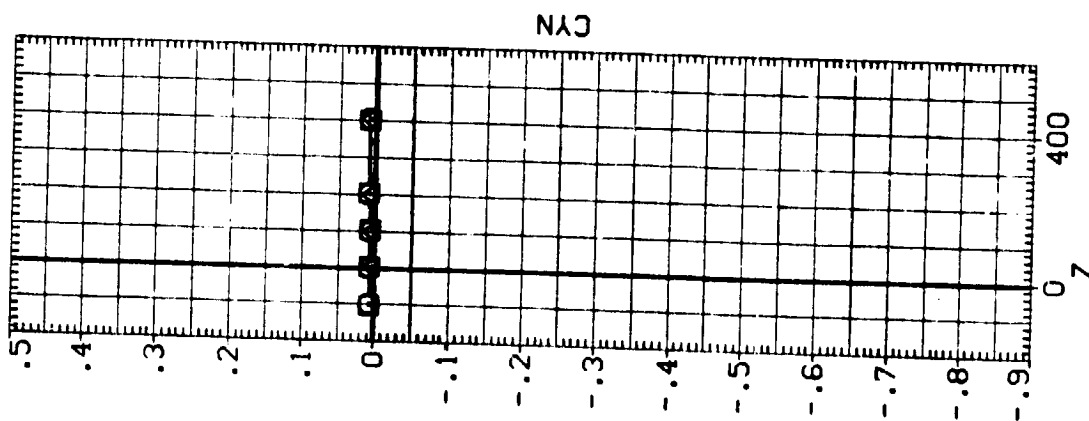


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(C)Y =400.00



DATA SET SYMBOL  
(RTU008)  
(RTU009)  
(RTU012)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET

R/H SRB SEPAR.  
V R/H SRB SEPAR.  
V R/H SRB SEPAR.

DALPHA  
0.000  
5.000  
-5.000

DBETA  
-4.000  
-4.000  
-4.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 450.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

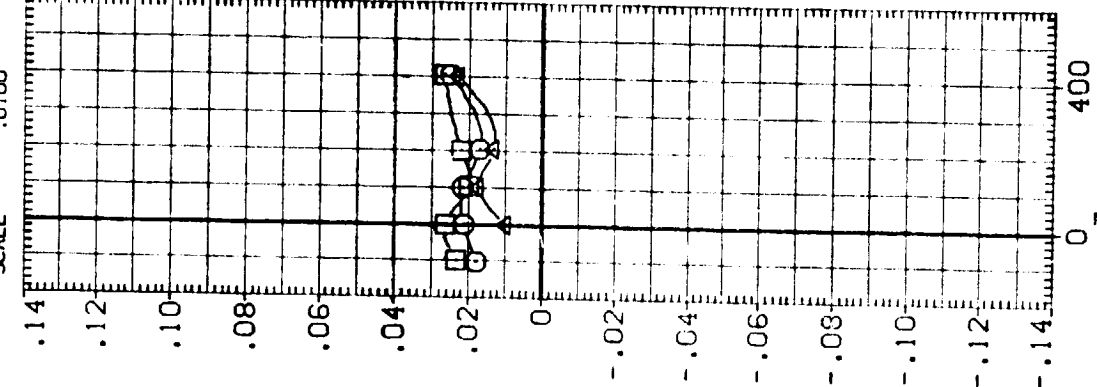
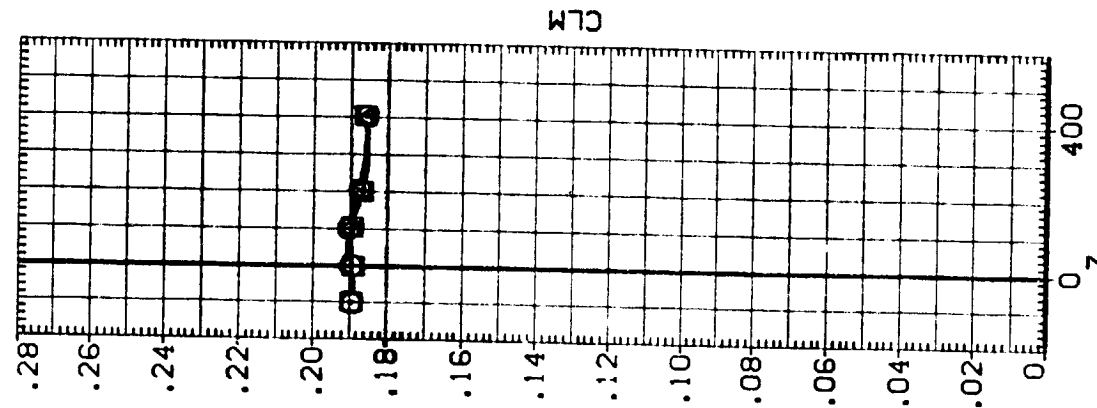
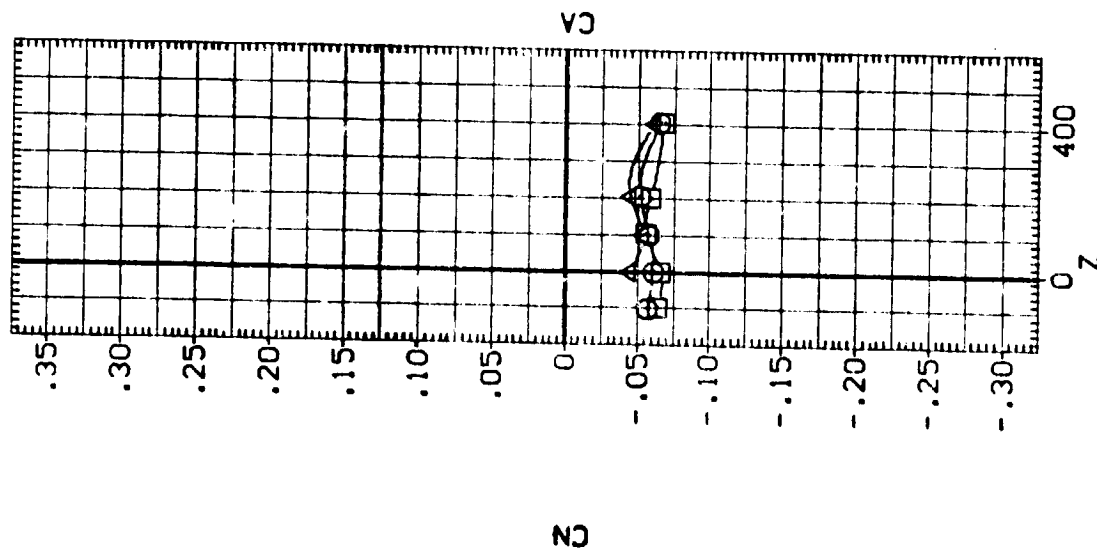





FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(B)Y =100.00



DATA SET SYMBOL	
(RTU008)	
(RTU009)	
(RTU012)	

CONFIGURATION	DESCRIPTION
AEDC/VA528(1A87)	01ETIS1-ORR
AEDC/VA528(1A87)	01ETIS1-ORR
AEDC/VA528(1A87)	01ETIS1-ORR

DALPHA	DBETA	X
1,000	-4,000	300,000
5,000	-4,000	300,000
-5,000	-4,000	300,000

**MACH**

REFERENCE INFORMATION	
SREF	2690.0000 SQ.FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1097.0000 IN. XT
YMRP	.0000 IN. YT
ZMRP	450.0000 IN. ZT
SCALE	.0100

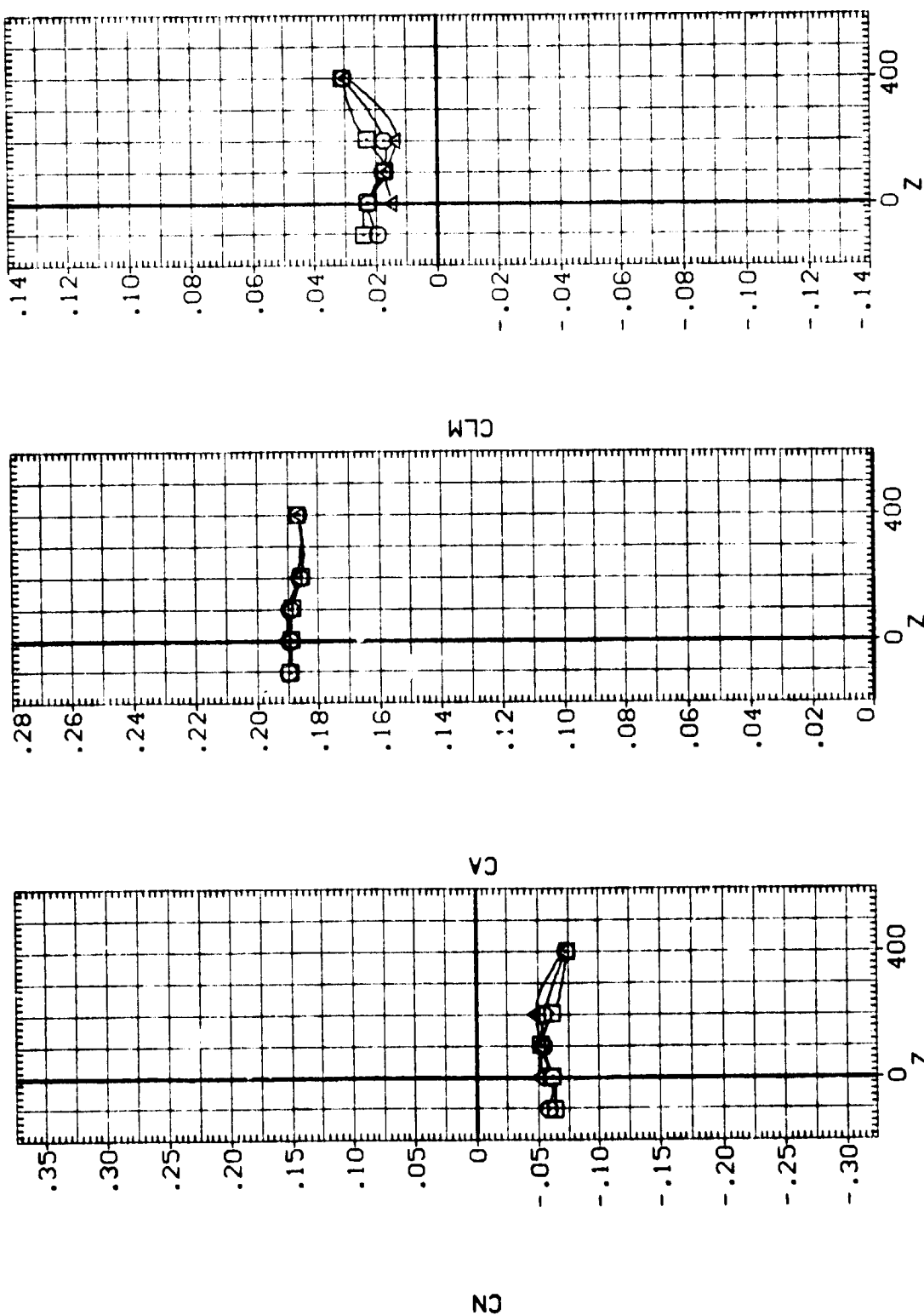


FIG. 20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(C)Y = 200.00

DATA SET SYMBOL  
(RTU008)  
(RTU009)  
(RTU012)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(IAB7)-O1ETIS1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-O1ETIS1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-O1ETIS1-OR8/ET V R/H SRB SEPAR.

DALPHA  
.000  
5.000  
-5.000

DBETA  
-4.000  
-4.000  
-4.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 450.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

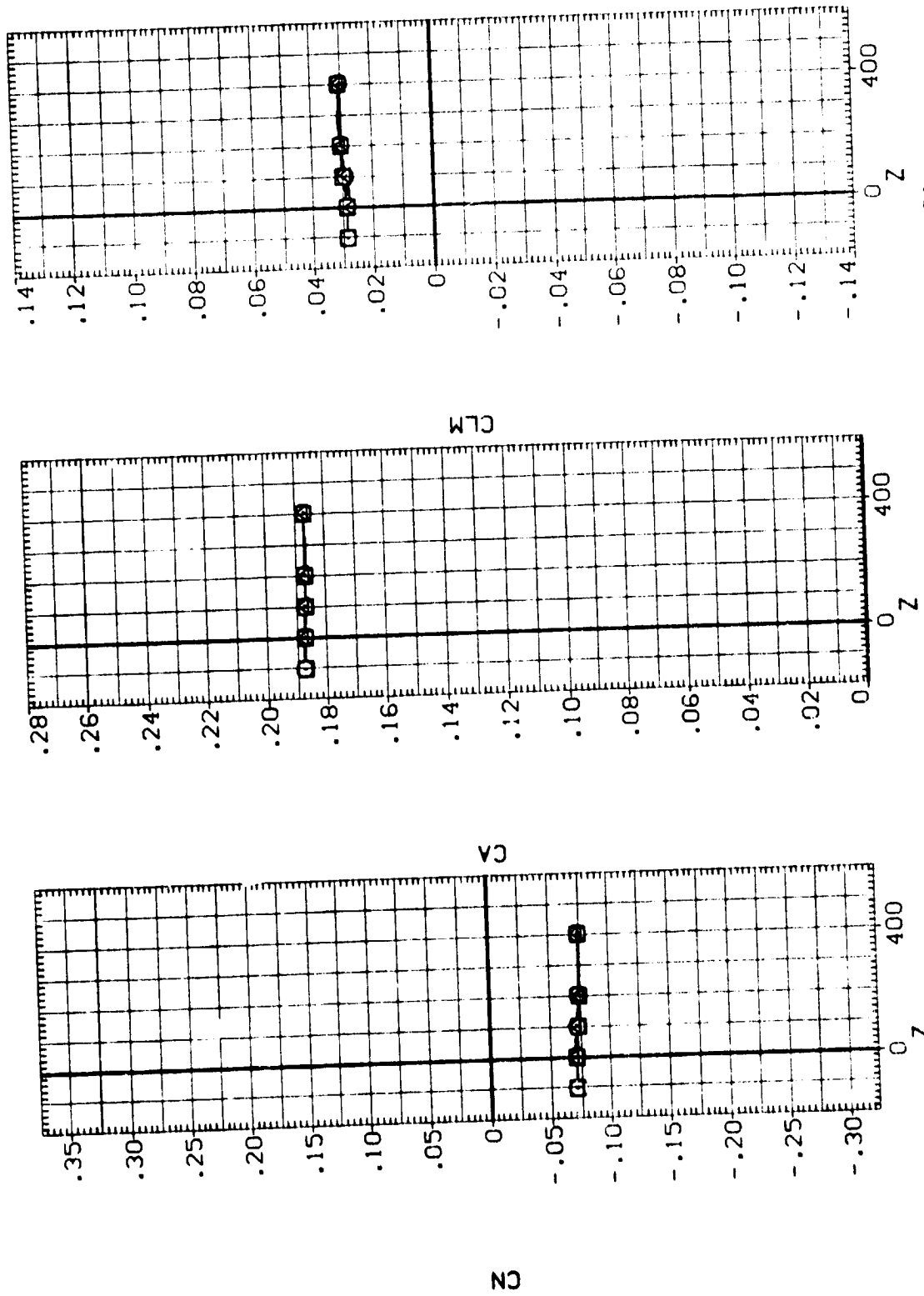


FIG.20 O/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU008)	AEDC/VAS28((1A87))-01ET1S1-0RB/ET V R/H SRB SEPAR.	.000	-4.000	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU009)	AEDC/VAS28((1A87))-01ET1S1-0RB/ET V R/H SRB SEPAR.	5.000	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU012)	AEDC/VAS28((1A87))-01ET1S1-0RB/ET V R/H SRB SEPAR.	-5.000	-4.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. XT
						ZMRP 450.0000 IN. YT
						SCALE .0100

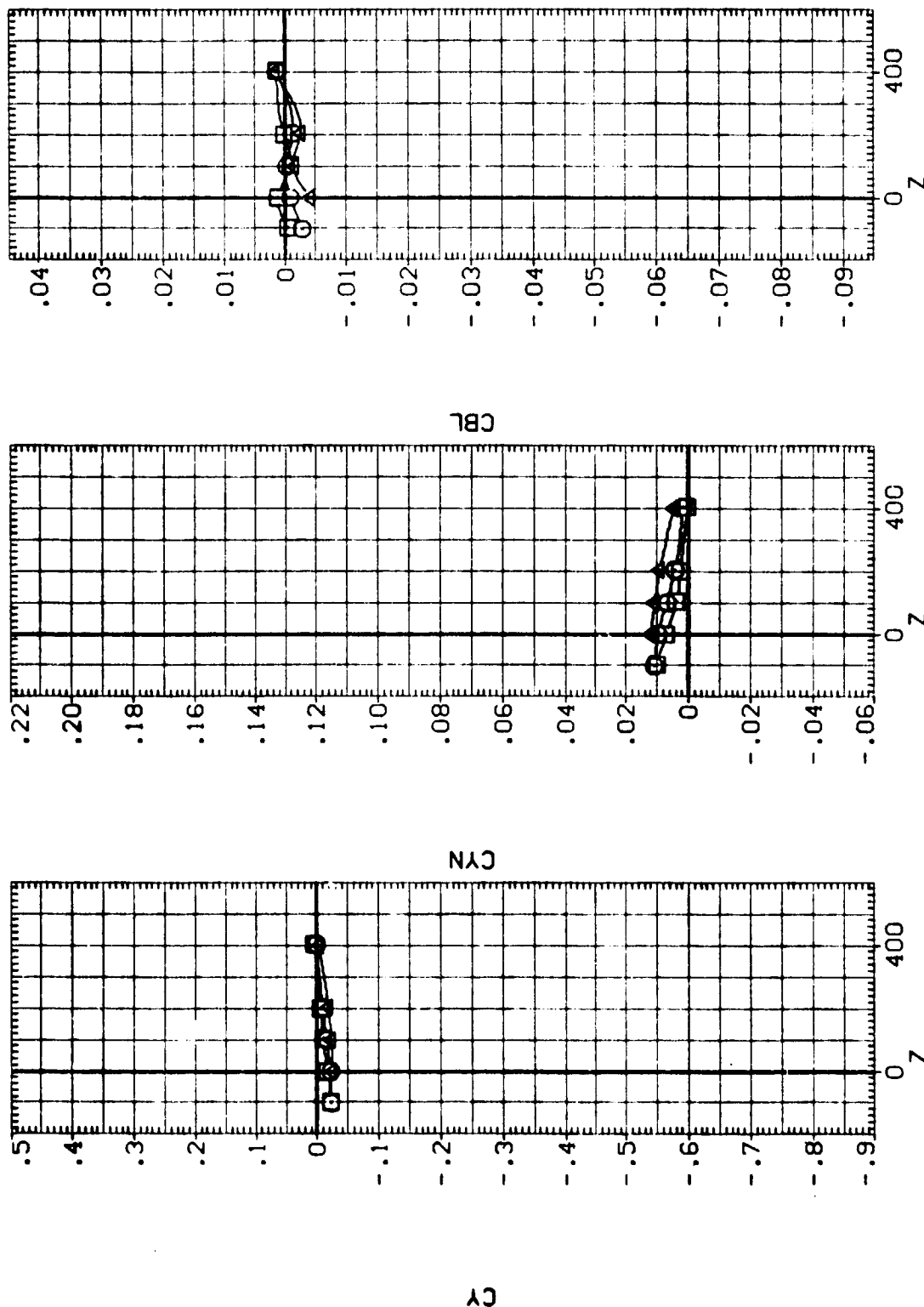


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(B)Y =100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DELTA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU008)	AEDC/VAS28(1A87)-01ETIS1-ORB/ET V R/H SRB SEPAR.	.000	-4.000	300.000	4.520	SREF 2690.0000 50.FT.
(RTU009)	AEDC/VAS28(1A87)-01ETIS1-ORB/ET V R/H SRB SEPAR.	5.000	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU012)	AEDC/VAS28(1A87)-01ETIS1-ORB/ET V R/H SRB SEPAR.	-5.000	-4.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. YI
						ZMRP 450.0000 IN. ZI
						SCALE .0100

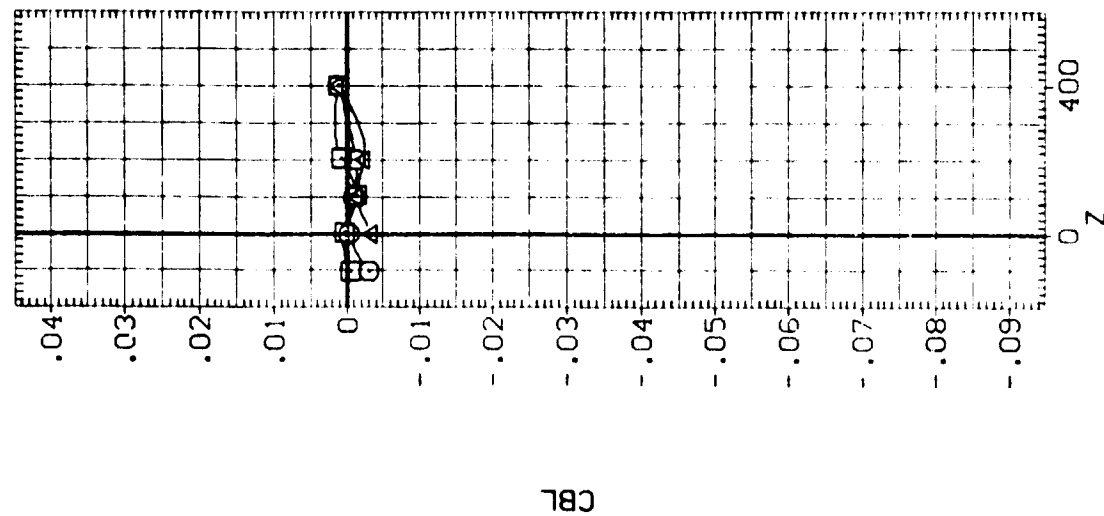
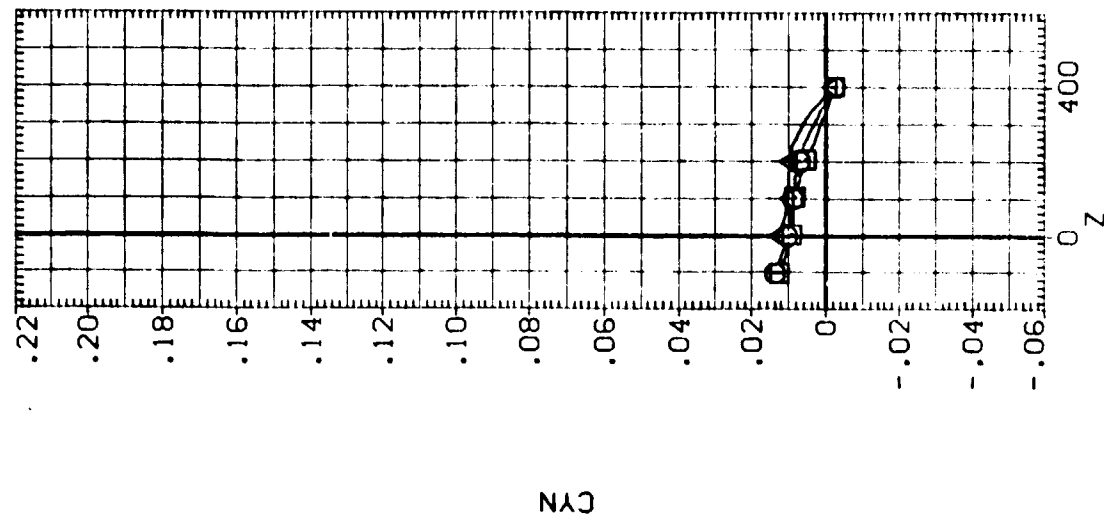
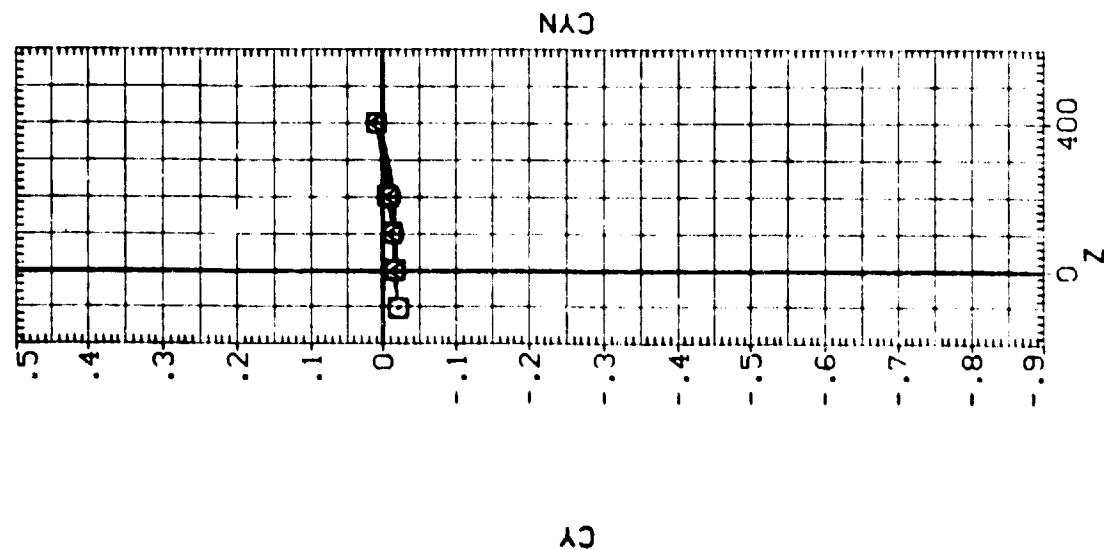


FIG.20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(CY) =200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU008) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU009) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU012) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU008) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU009) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU012) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU008) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU009) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU012) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

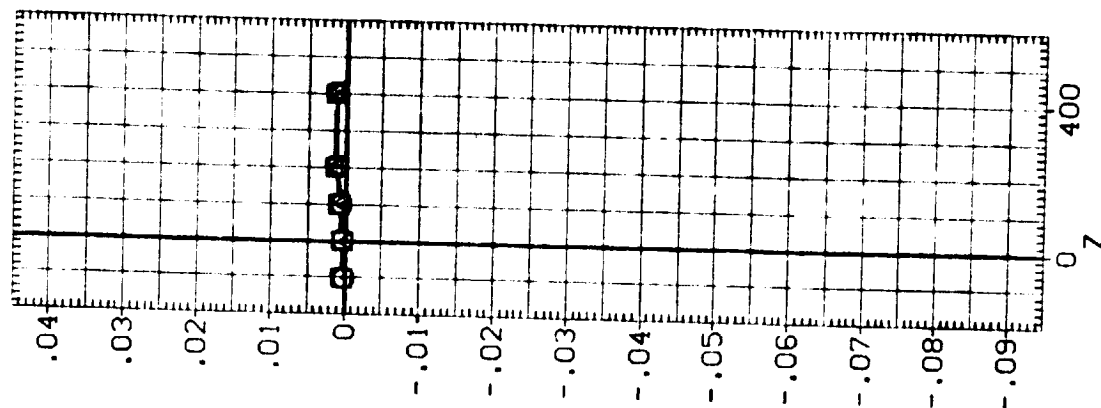
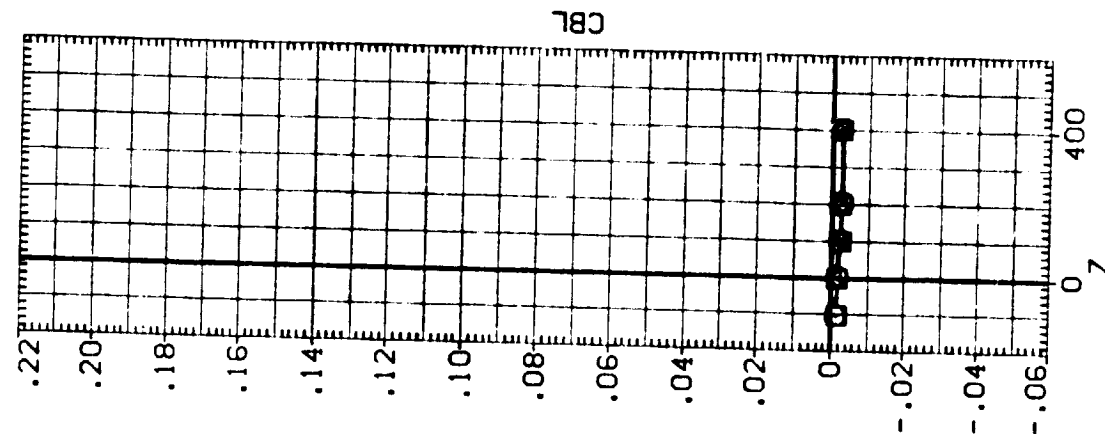
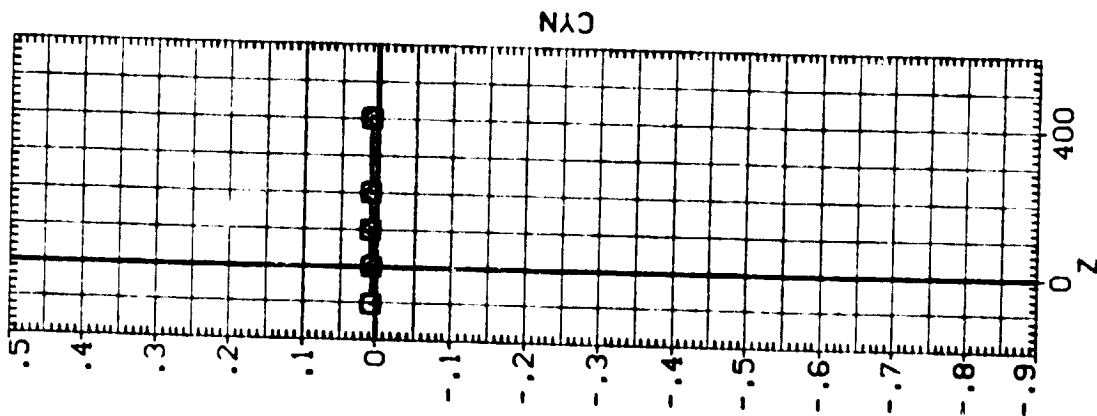


FIG.20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(D)Y = 400.00



DATA SET SYMBOL  
(RTU013)  
(RTU016)  
(RTU017)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

DALPHA DBETA  
.000 -8.000  
5.000 -8.000  
-5.000 -8.000

X .000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 450.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

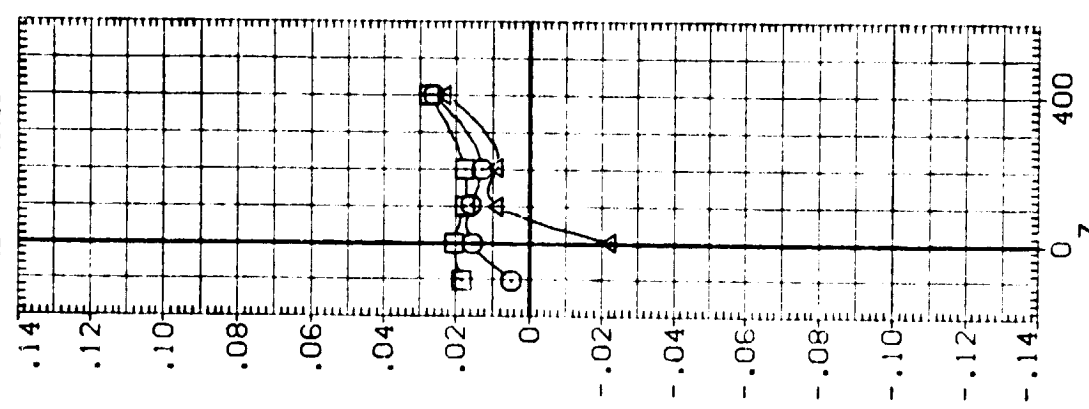
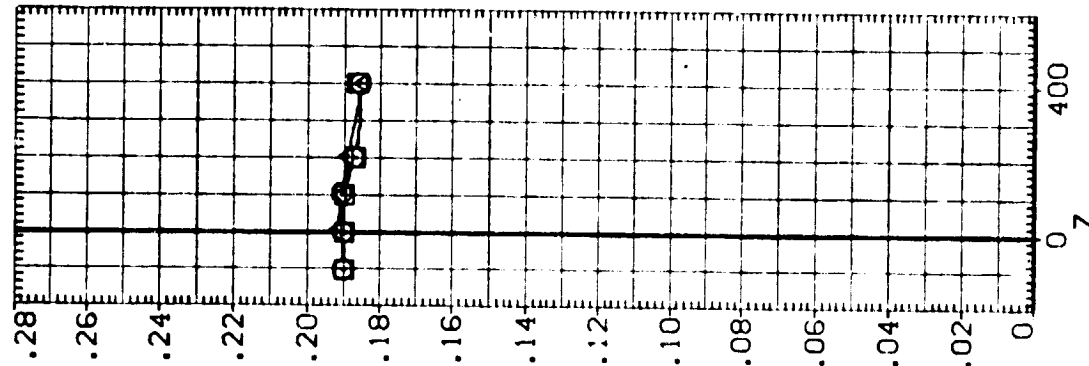
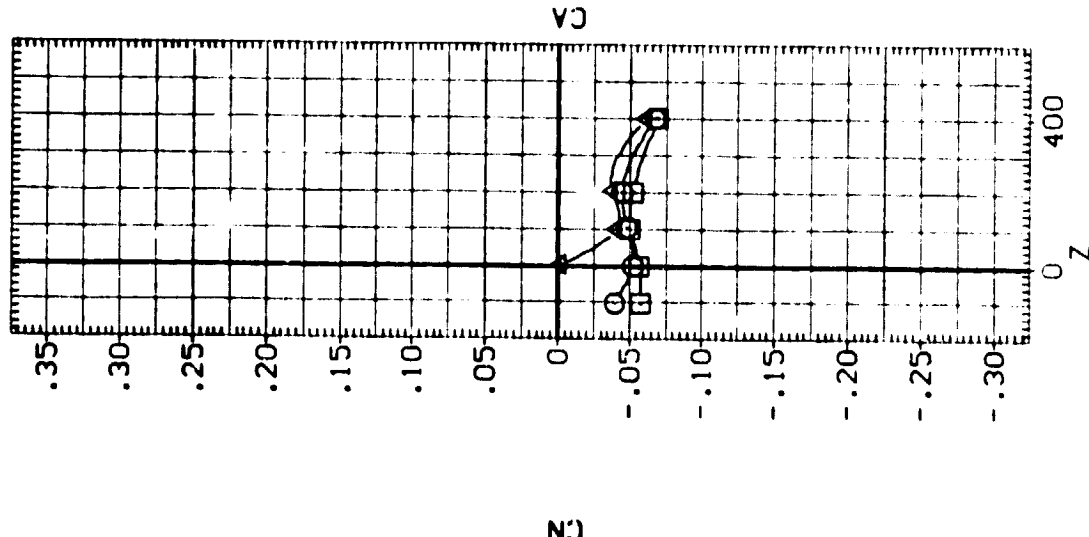


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU013)	AEDC/VAS281(A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	.000	-8.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTU016)	AEDC/VAS281(A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	.000	-8.000	.000	4.520	LREF 1290.3000 INCHES
(RTU017)	AEDC/VAS281(A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	.000	-8.000	.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. XT
						ZMRP .0000 IN. YT
						SCALE 450.0000 IN. ZT

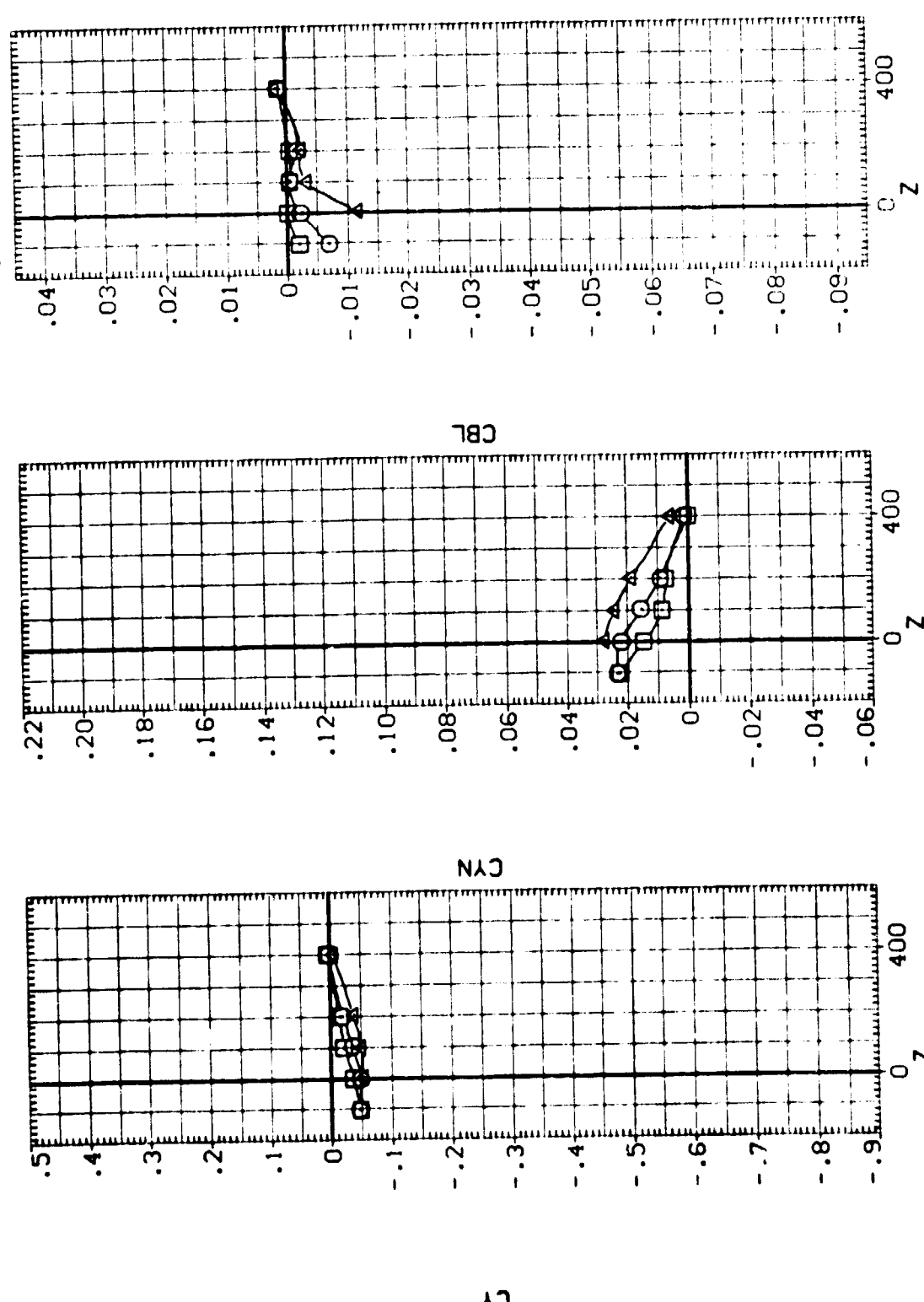


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)



DATA SET SYMBOL  
(RTU013)  
(RTU016)  
(RTU017)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(IAB7)-O1ETIS1-O8B/ET V  
AEDC/VAS28(IAB7)-O1ETIS1-O8B/ET V  
AEDC/VAS28(IAB7)-O1ETIS1-O8B/ET V

R/H SRB SEPAR.  
R/H SRB SEPAR.  
R/H SRB SEPAR.

DALPHA  
.000  
5.000  
-5.000

DBETA  
-8.000  
-8.000  
-8.000

X  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

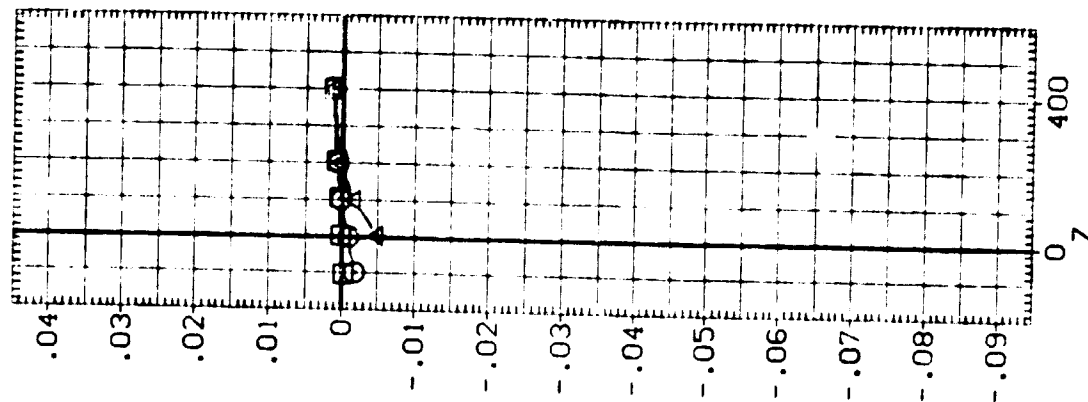
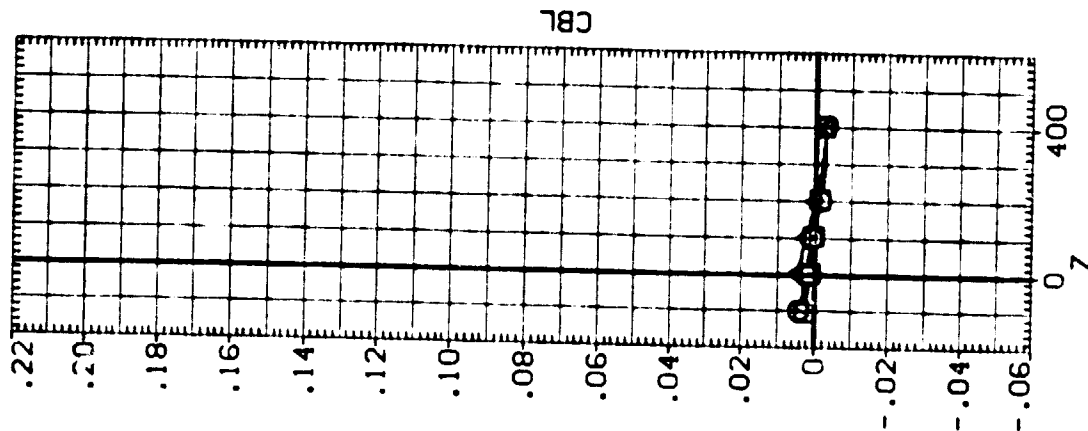
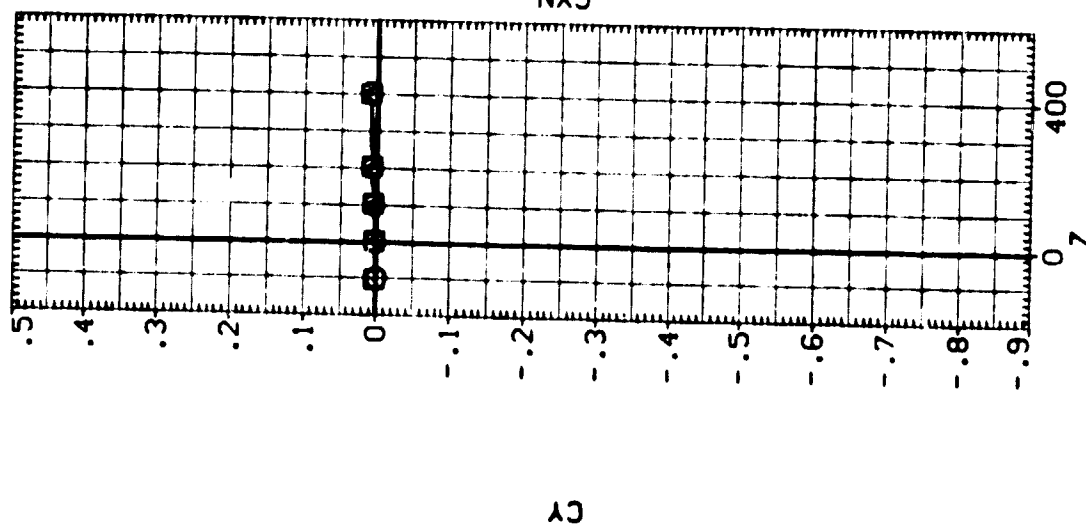


FIG.20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)  
(O)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	DELTA	X	MACH	REFERENCE INFORMATION
(RTU014)	AECC/VAS28(1A87)-01ET1S1-CRB/ET	V R/H SRB SEPAR.	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU015)	AECC/VAS28(1A87)-01ET1S1-CRB/ET	V R/H SRB SEPAR.	5.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU018)	AECC/VAS28(1A87)-01ET1S1-CRB/ET	V R/H SRB SEPAR.	-5.000	300.000	4.520	BREF 1290.3000 INCHES
						YREF 1097.0000 IN. XT
						ZREF .0000 IN. YT
						SCALE 450.0000 IN. ZT

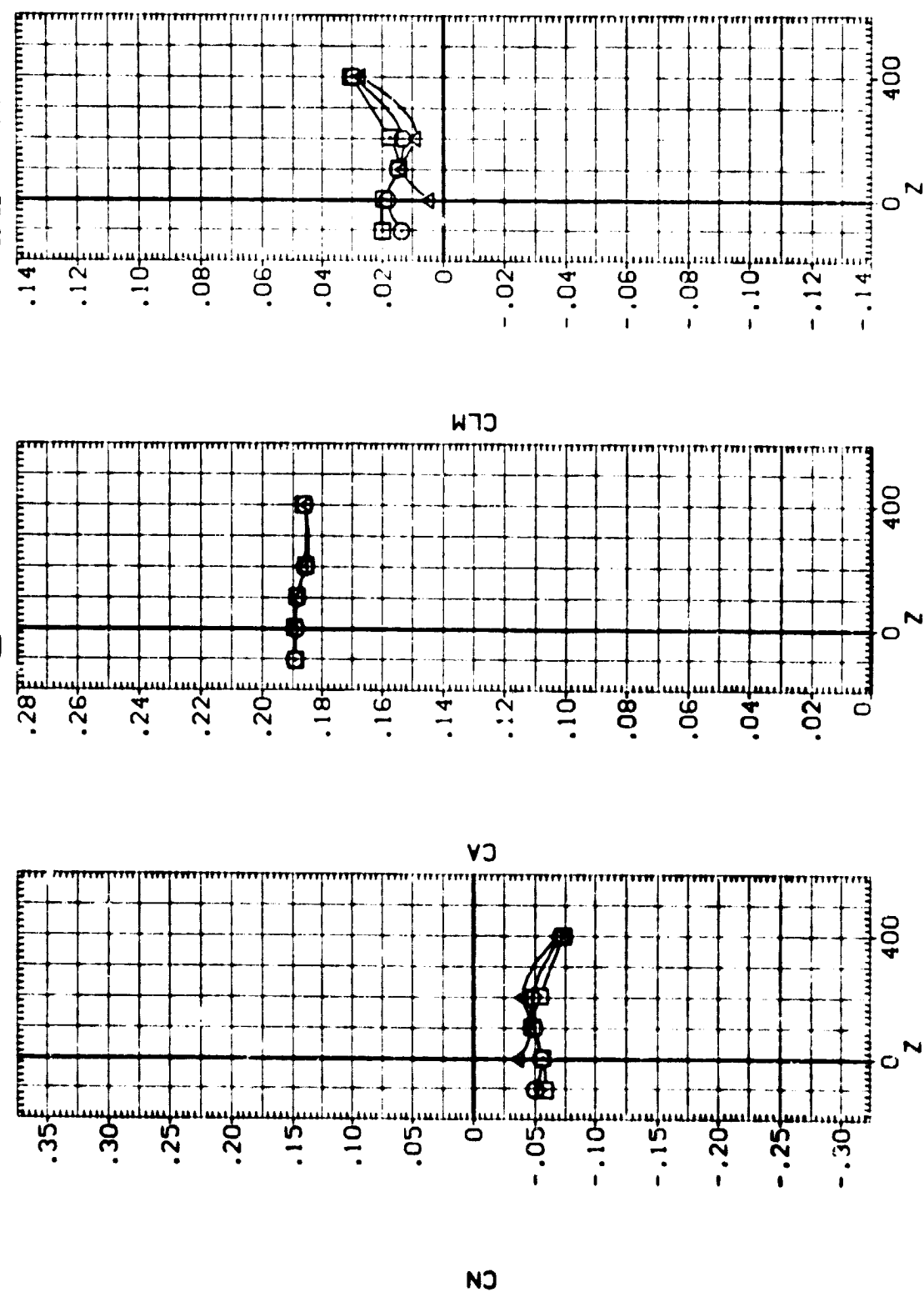


FIG.20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(C)Y =200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU014) AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.

(RTU015) AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.

(RTU018) AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.

MACH REFERENCE INFORMATION

SRF 2690.0000 50 FT.

LRF 1290.0000 INCHES

BRF 1290.0000 INCHES

XMRP 1097.0000 IN. XT

YMRP .0000 IN. YT

ZMRP 450.0000 IN. ZT

SCALE .0100

ALPHA DBETA X

.000 -8.000 300.000

5.000 -8.000 300.000

-5.000 -8.000 300.000

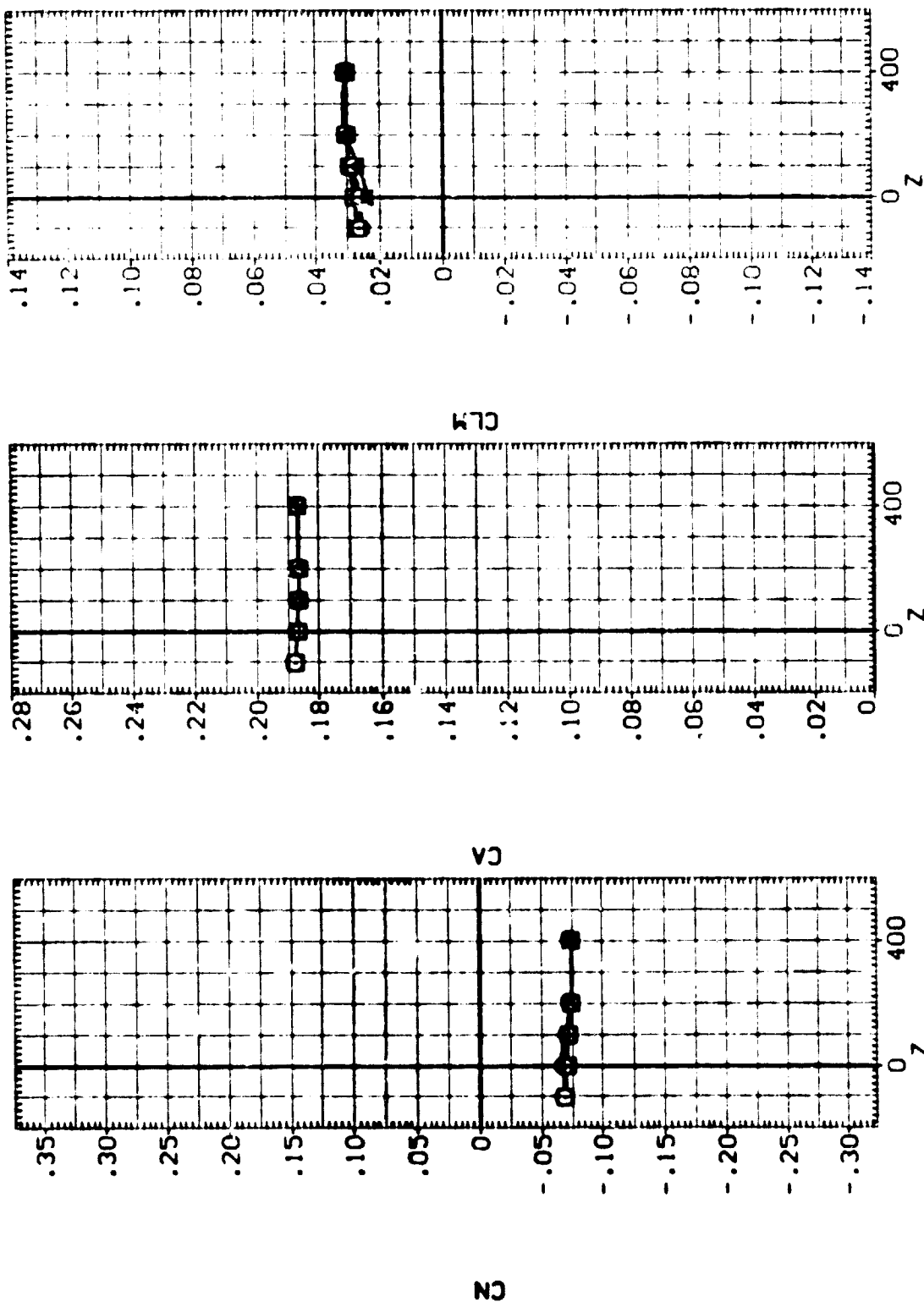


FIG.20 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(0)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU014)	AEDC/VAS281(A87)-01ET1SI-OR8/ET V R/H SRB SEPAR.	.000	-8.000	300.000	4.520	SREF 2650.0000 50.FT.
(RTU015)	AEDC/VAS281(A87)-01ET1SI-OR8/ET V R/H SRB SEPAR.	5.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU016)	AEDC/VAS281(A87)-01ET1SI-OR8/ET V R/H SRB SEPAR.	-5.000	-8.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

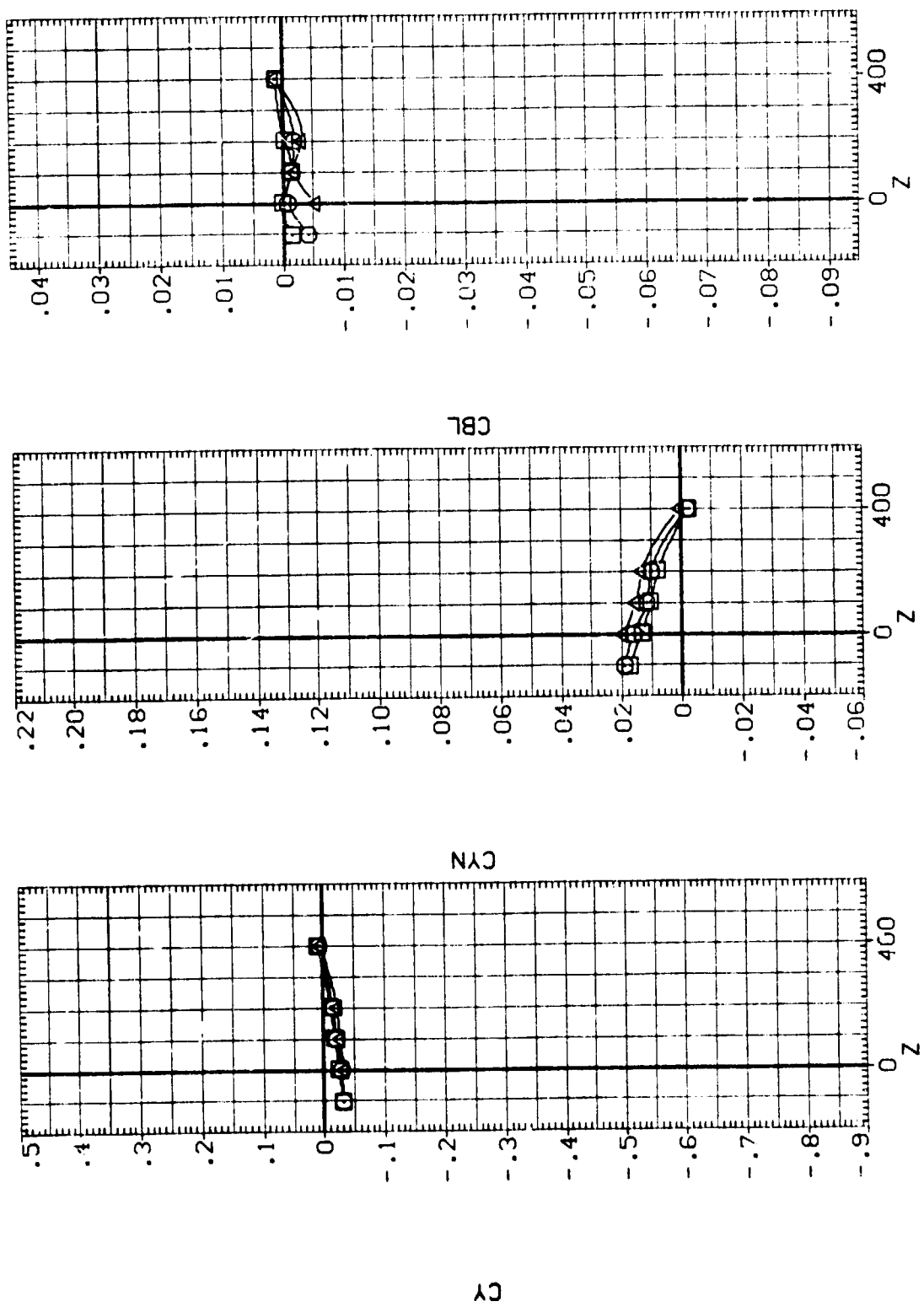


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	MACH	REFERENCE INFORMATION
(RTU014)	AEDC/VAS28(IAB7)-01ET1S1-0RB/ET	4.520	SREF 2690.0000 SQ.FT.
(RTU015)	AEDC/VAS28(IAB7)-01ET1S1-0RB/ET	4.520	LREF 1290.3000 INCHES
(RTU018)	AEDC/VAS28(IAB7)-01ET1S1-0RB/ET	4.520	BREF 1290.3000 INCHES
			XMRP 1097.0000 IN. XT
			YMRP .0000 IN. YT
			ZMRP 450.0000 IN. ZT
			SCALE .0100

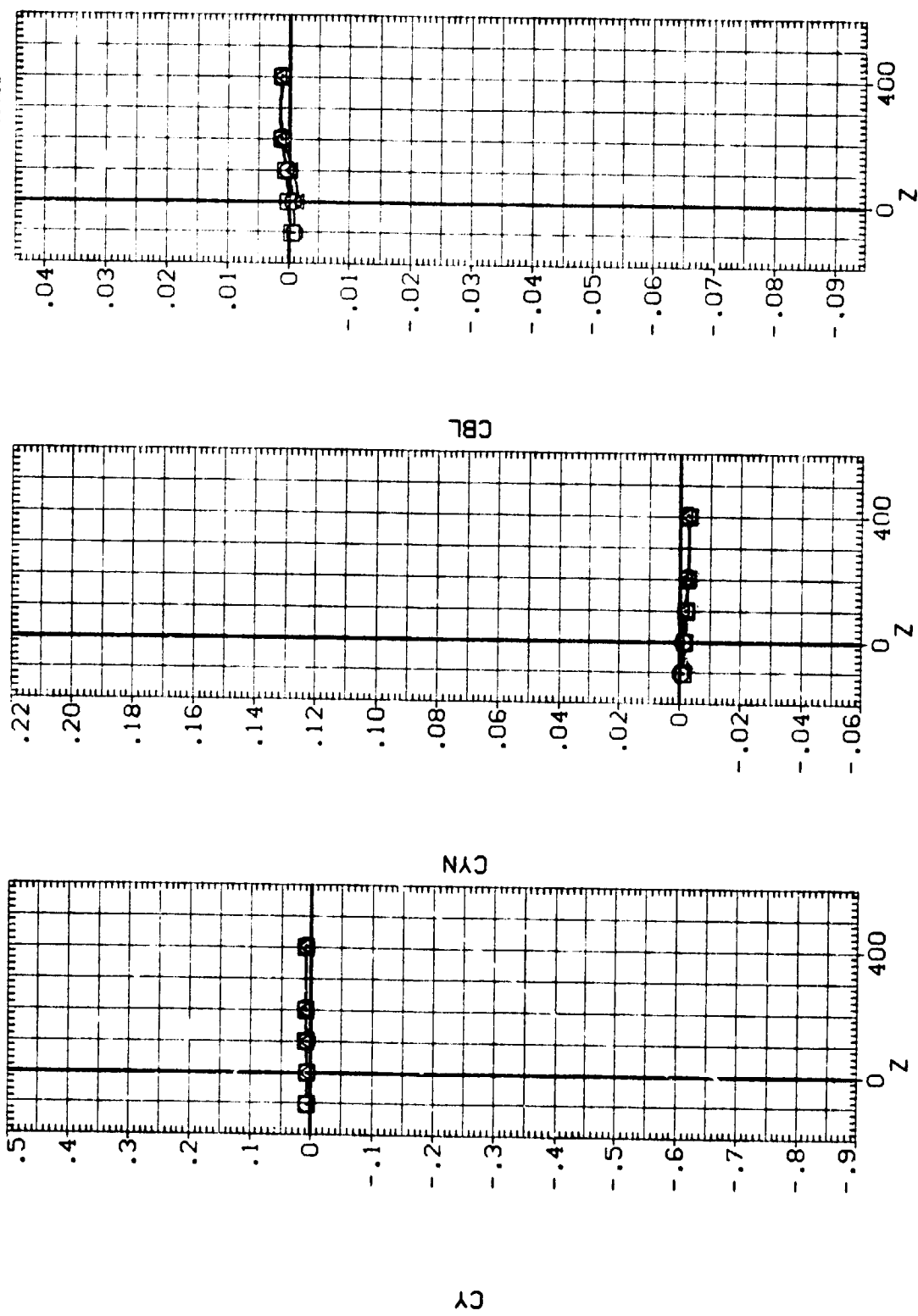


FIG.20 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.4 BETA=0)  
(D)Y =400.00



# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU037)	AEDC/VAS28(IAB7)-01ETIS1-0RB/ET	V R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION	SQ.FT.
(RTU040)	AEDC/VAS28(IAB7)-01ETIS1-0RB/ET	V R/H SRB SEPAR.	5.000	.000	.000	4.520	SREF	2630.0000
(RTU041)	AEDC/VAS28(IAB7)-01ETIS1-0RB/ET	V R/H SRB SEPAR.	-5.000	.000	.000	4.520	LREF	1230.3000
						4.520	BREF	1230.3000
							XMRP	1037.0000
							YMRP	.0000
							ZMRP	450.0000
							SCALE	.0100

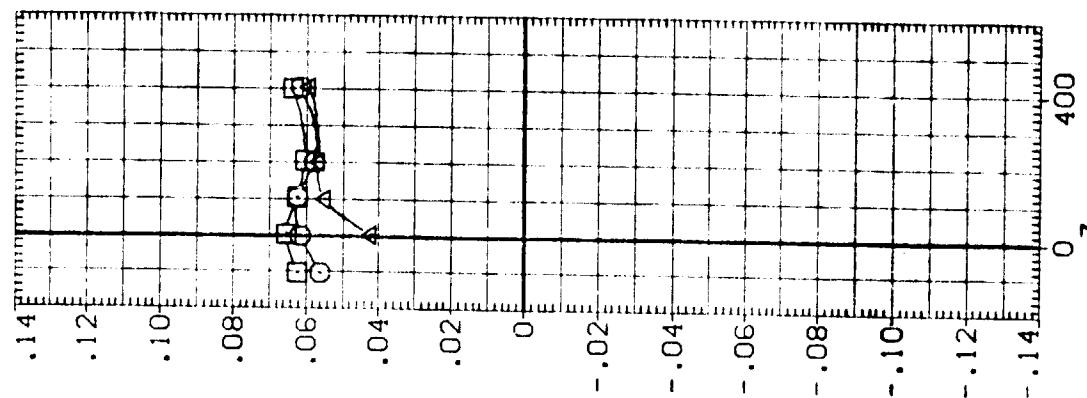
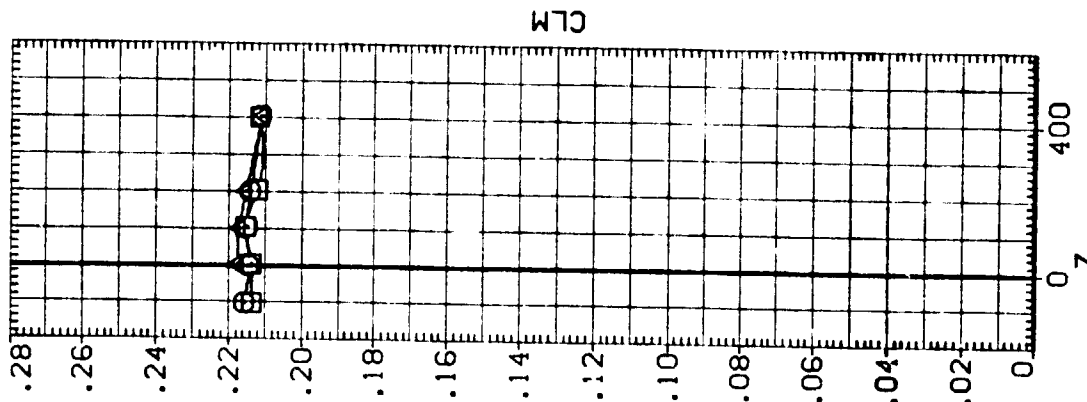
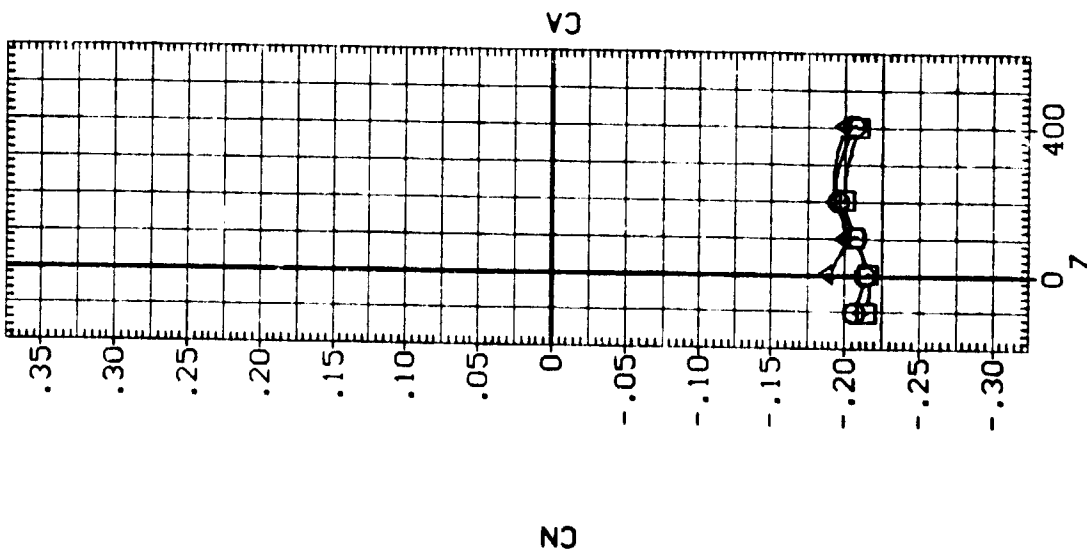


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU037)	AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	.000	.000	.000	4.520	SREF 2690.0000 50.FT.
(RTU040)	AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(RTU041)	AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. XT
						ZMRP 450.0000 IN. YT
						SCALE .0100

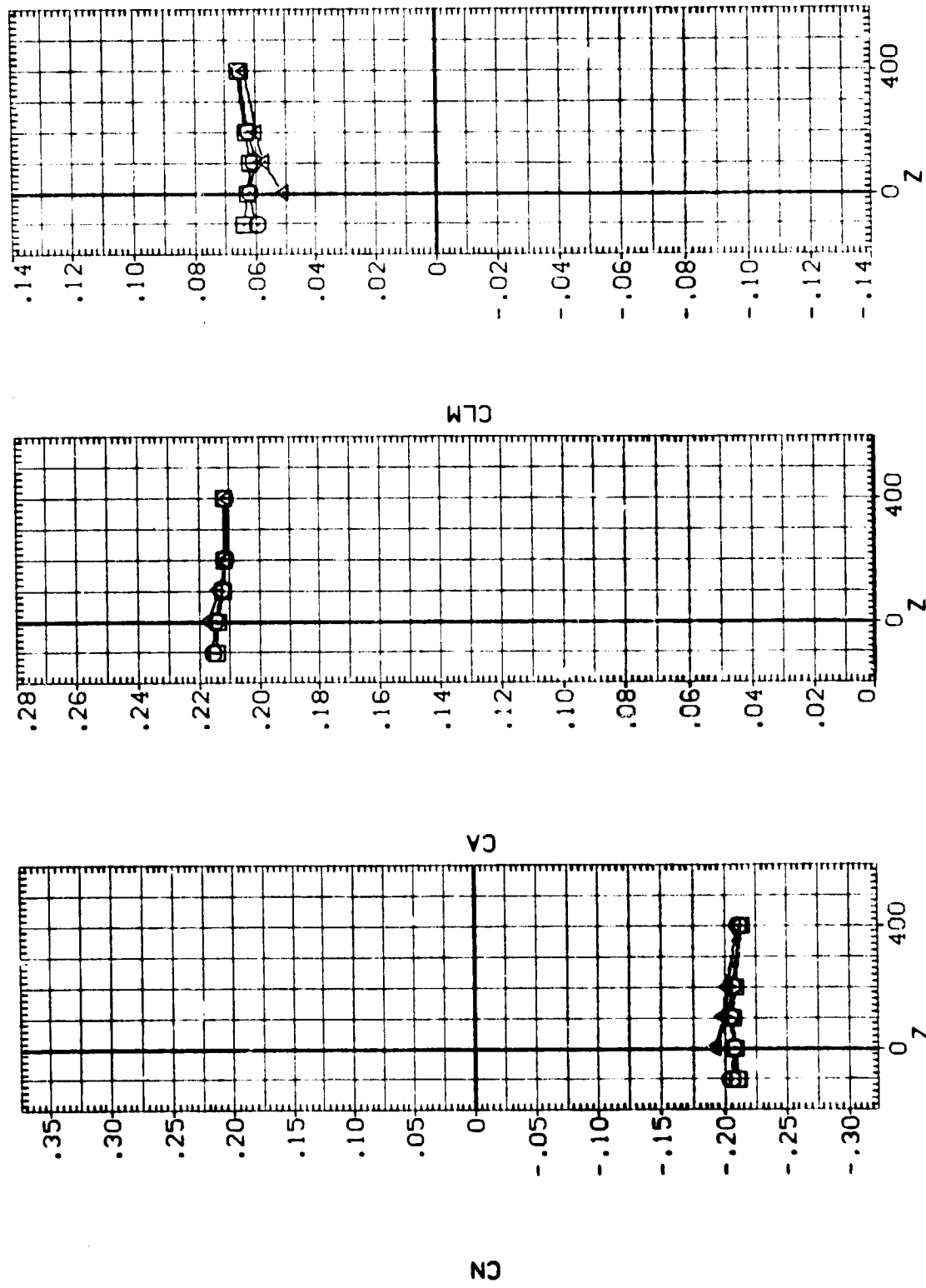


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(C)Y =200.00



(RTU037)  
(RTU040)  
(RTU041);

AEDC/VA528(I A87) -O1ET|S| -OR8  
AEDC/VA528(I A87) -O1ET|S| -OR8  
AEDC/VA528(I A87) -O1ET|S| -OR8

V R/H SRB SEPAR.  
V R/H SRB SEPAR.  
V R/H SRB SEPAR.

DALPHA  
-5.000  
5.000  
.000

DBETA  
.000  
.000  
.000

$\begin{matrix} \square & \square & \square \\ \square & \square & \square \\ \square & \square & \square \\ \cdot & \cdot & \cdot \end{matrix}$   
 $\times$

MACH  
4.520  
4.520  
4.520

REFE  
SREF  
LREF  
BREF

INCE IN

REFERENCE INFORMATION	
	SO. FT.
	INCHES
EF	2690.0000
EF	1290.3000
EF	1290.3000
RP	1097.0000
RP	.0000
RP	450.0000
RP	.0100
ALE	

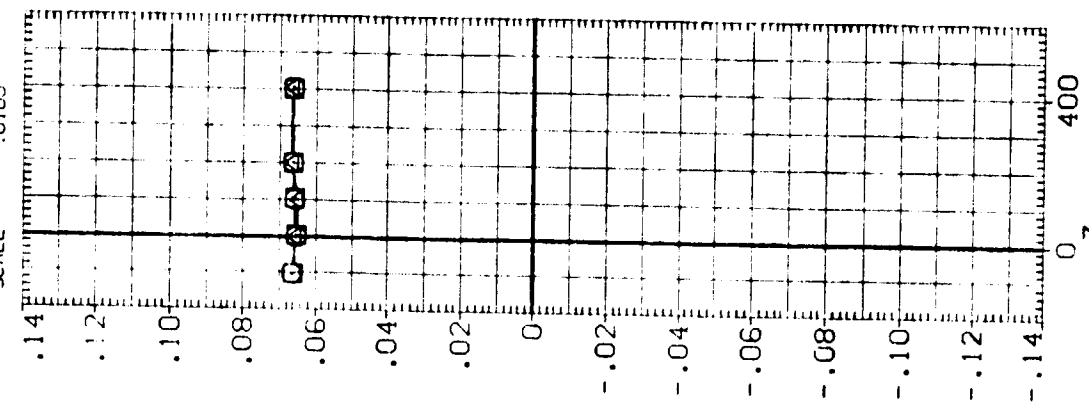
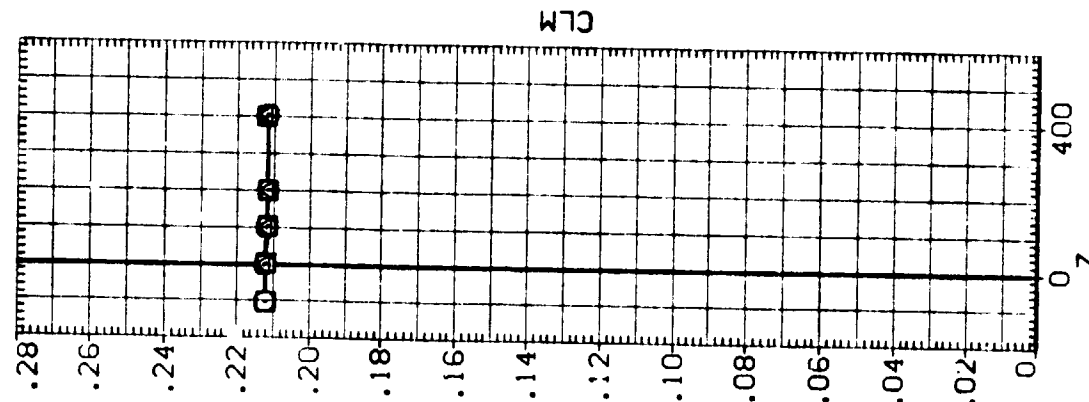
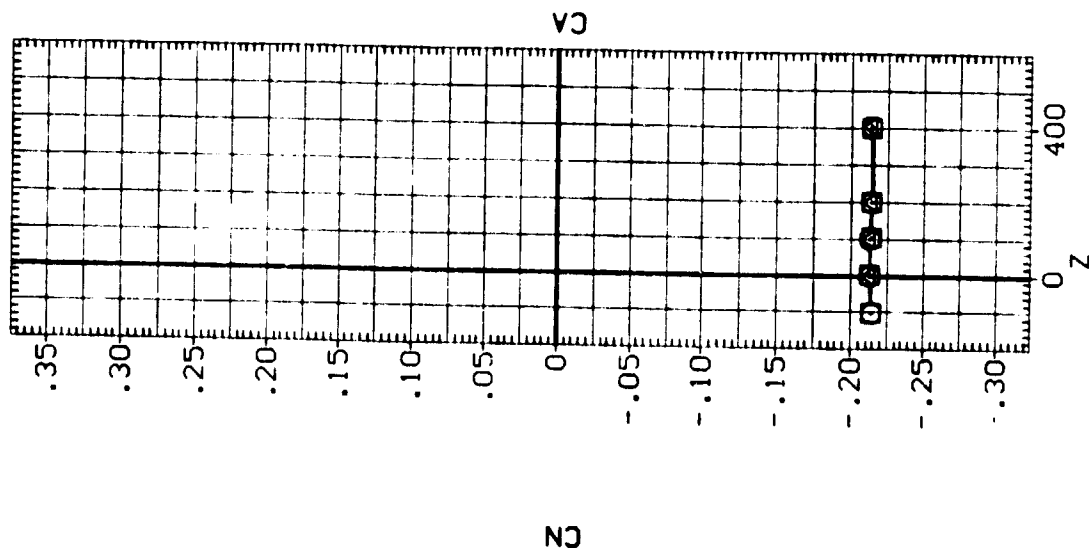


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU037)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.000	.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTU040)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(RTU041)	DATA NOT AVAILABLE	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP .0000 IN. ZT
						SCALE .0100

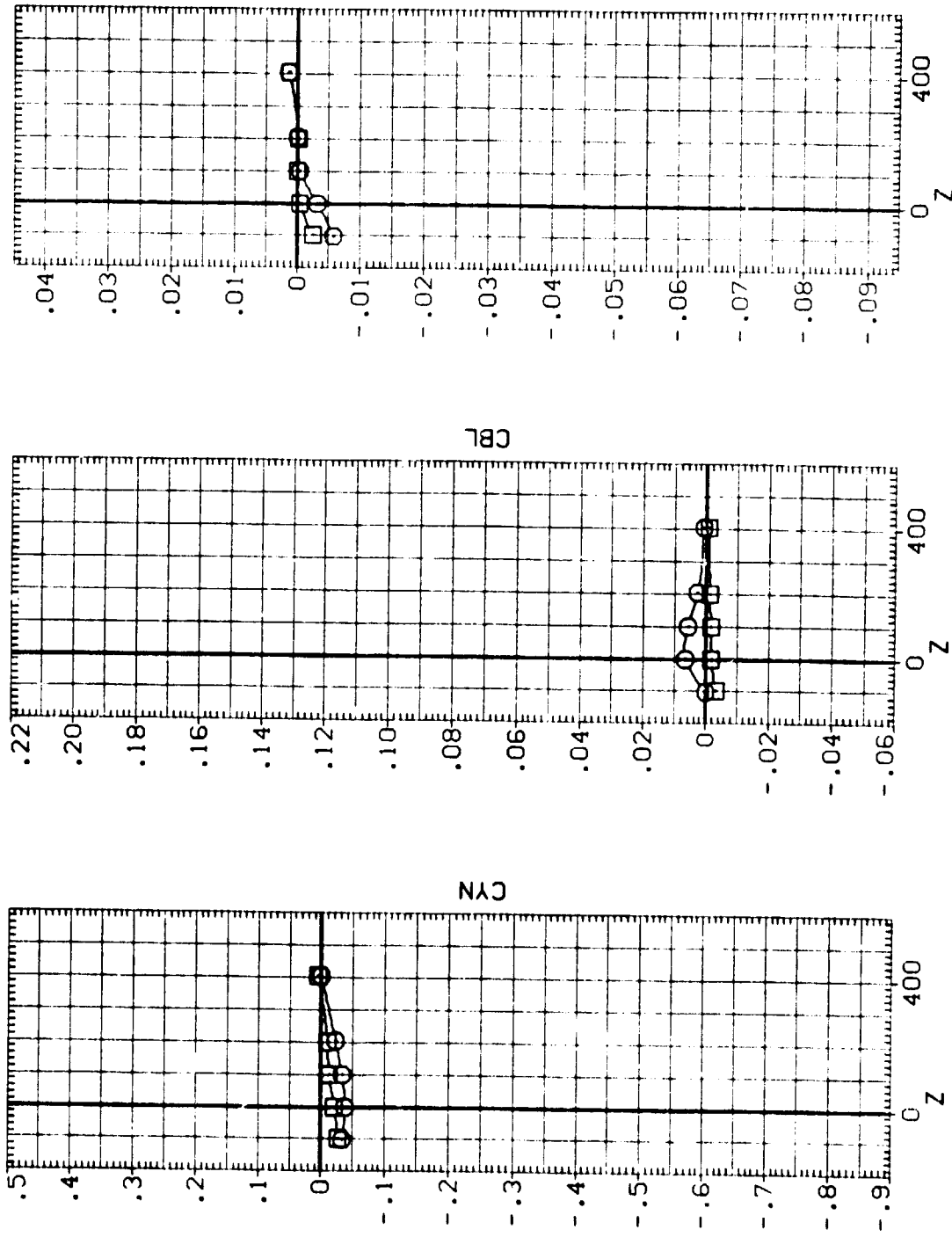


FIG.21 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)  
(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU037)	AECC/VAS28(1A87)-01ET1S1-0RB/ET	.000	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU040)	AECC/VAS28(1A87)-01ET1S1-0RB/ET	.000	.000	.000	4.520	LREF 1290.3000 INCHES
(RTU041)	AECC/VAS28(1A87)-01ET1S1-0RB/ET	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
						XPRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

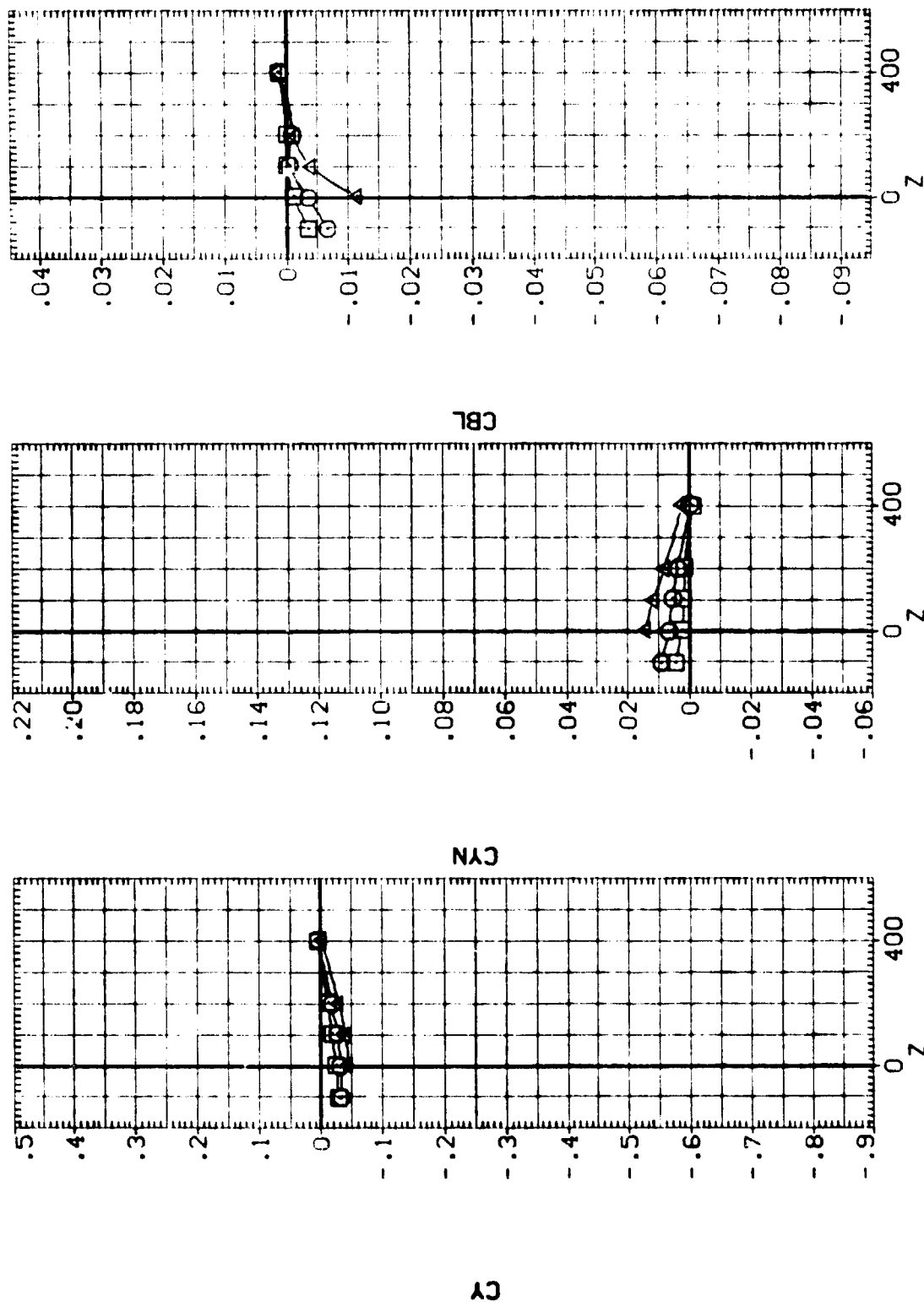


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(B)Y =100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DBETA	DALPHA	R/H SRB SEPAR.	R/H SRB SEPAR.	MACH	REFERENCE INFORMATION
(RTU037)	AEDC/VAS28(1A87)-01ETIS1-0RB/ET	.000	.000	4.520	2690.0000	SO.FT.	
(RTU040)	AEDC/VAS28(1A87)-01ETIS1-0RB/ET	.000	.000	4.520	1290.3000	INCHES	
(RTU041)	AEDC/VAS28(1A87)-01ETIS1-0RB/ET	.000	.000	4.520	1290.3000	INCHES	
					1057.0000	IN. Y1	
					450.0000	IN. Y2	
					450.0000	IN. Z1	
					450.0000	IN. Z2	
					450.0000	IN. Z3	
					450.0000	IN. Z4	
					450.0000	IN. Z5	
					450.0000	IN. Z6	
					450.0000	IN. Z7	
					450.0000	IN. Z8	
					450.0000	IN. Z9	
					450.0000	IN. Z10	
					450.0000	IN. Z11	
					450.0000	IN. Z12	
					450.0000	IN. Z13	
					450.0000	IN. Z14	
					450.0000	IN. Z15	
					450.0000	IN. Z16	
					450.0000	IN. Z17	
					450.0000	IN. Z18	
					450.0000	IN. Z19	
					450.0000	IN. Z20	
					450.0000	IN. Z21	
					450.0000	IN. Z22	
					450.0000	IN. Z23	
					450.0000	IN. Z24	
					450.0000	IN. Z25	
					450.0000	IN. Z26	
					450.0000	IN. Z27	
					450.0000	IN. Z28	
					450.0000	IN. Z29	
					450.0000	IN. Z30	
					450.0000	IN. Z31	
					450.0000	IN. Z32	
					450.0000	IN. Z33	
					450.0000	IN. Z34	
					450.0000	IN. Z35	
					450.0000	IN. Z36	
					450.0000	IN. Z37	
					450.0000	IN. Z38	
					450.0000	IN. Z39	
					450.0000	IN. Z40	
					450.0000	IN. Z41	
					450.0000	IN. Z42	
					450.0000	IN. Z43	
					450.0000	IN. Z44	
					450.0000	IN. Z45	
					450.0000	IN. Z46	
					450.0000	IN. Z47	
					450.0000	IN. Z48	
					450.0000	IN. Z49	
					450.0000	IN. Z50	
					450.0000	IN. Z51	
					450.0000	IN. Z52	
					450.0000	IN. Z53	
					450.0000	IN. Z54	
					450.0000	IN. Z55	
					450.0000	IN. Z56	
					450.0000	IN. Z57	
					450.0000	IN. Z58	
					450.0000	IN. Z59	
					450.0000	IN. Z60	
					450.0000	IN. Z61	
					450.0000	IN. Z62	
					450.0000	IN. Z63	
					450.0000	IN. Z64	
					450.0000	IN. Z65	
					450.0000	IN. Z66	
					450.0000	IN. Z67	
					450.0000	IN. Z68	
					450.0000	IN. Z69	
					450.0000	IN. Z70	
					450.0000	IN. Z71	
					450.0000	IN. Z72	
					450.0000	IN. Z73	
					450.0000	IN. Z74	
					450.0000	IN. Z75	
					450.0000	IN. Z76	
					450.0000	IN. Z77	
					450.0000	IN. Z78	
					450.0000	IN. Z79	
					450.0000	IN. Z80	
					450.0000	IN. Z81	
					450.0000	IN. Z82	
					450.0000	IN. Z83	
					450.0000	IN. Z84	
					450.0000	IN. Z85	
					450.0000	IN. Z86	
					450.0000	IN. Z87	
					450.0000	IN. Z88	
					450.0000	IN. Z89	
					450.0000	IN. Z90	
					450.0000	IN. Z91	
					450.0000	IN. Z92	
					450.0000	IN. Z93	
					450.0000	IN. Z94	
					450.0000	IN. Z95	
					450.0000	IN. Z96	
					450.0000	IN. Z97	
					450.0000	IN. Z98	
					450.0000	IN. Z99	
					450.0000	IN. Z100	

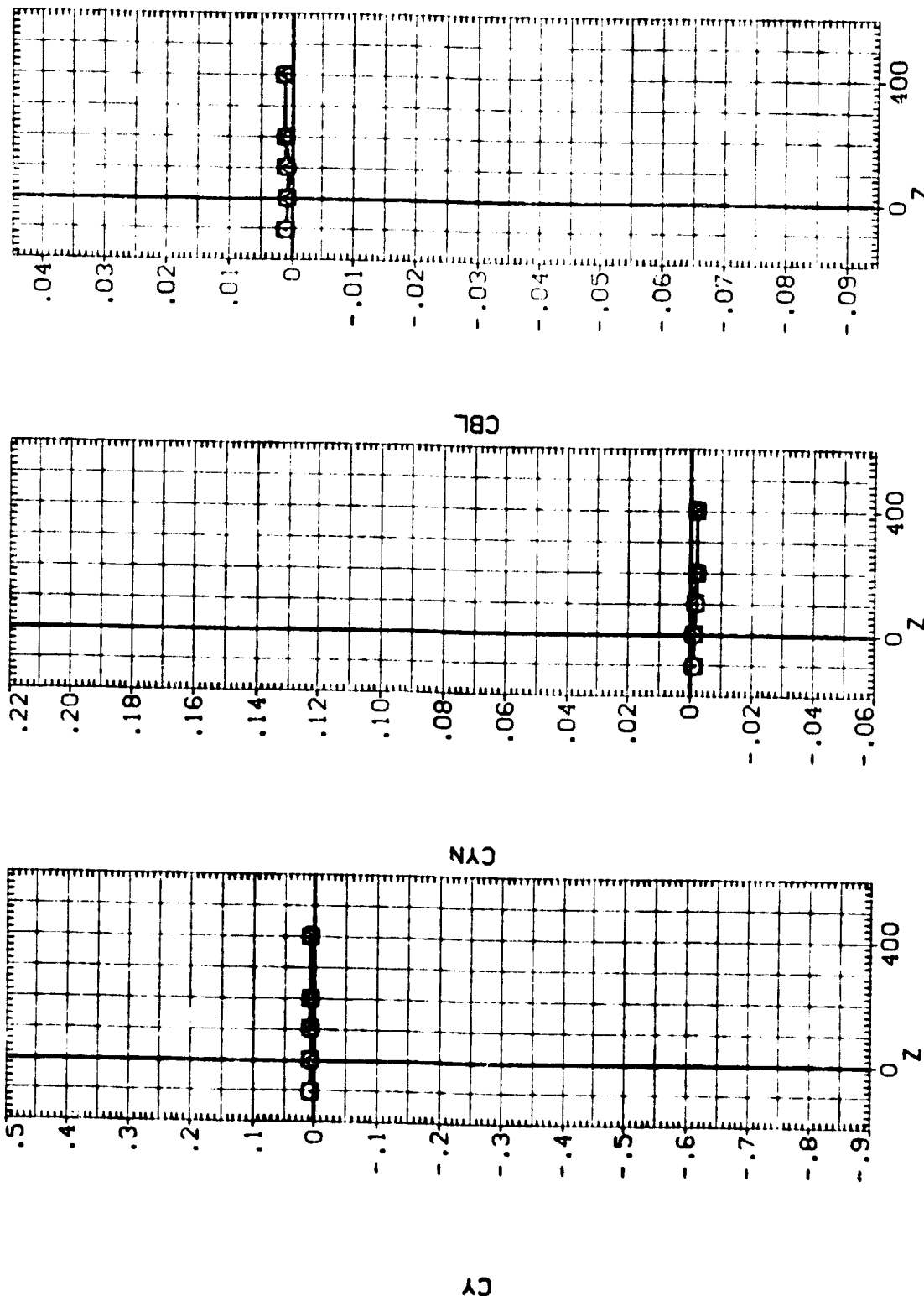


FIG.21 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(D)Y = 400.00

DATA SET SYMBOL  
(RTU038)  
(RTU039)  
(RTU042)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(IAB7)-Q1ET1S1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-Q1ET1S1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-Q1ET1S1-0RB/ET V R/H SRB SEPAR.

DALPHA  
0.000  
5.000  
-5.000

DBETA  
0.000  
0.000  
0.000

X  
300.000  
300.000  
300.000

HACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

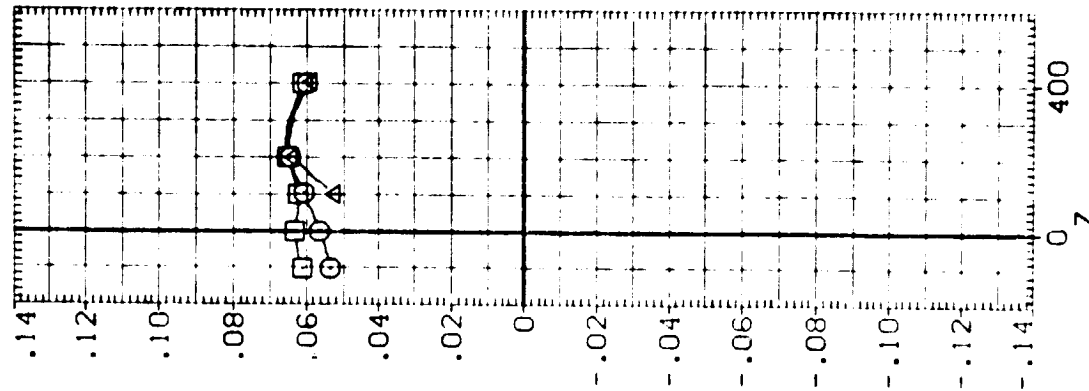
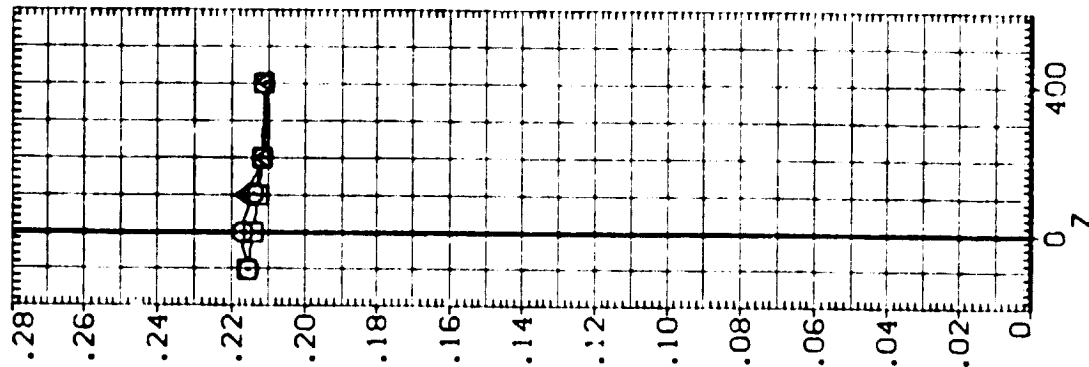
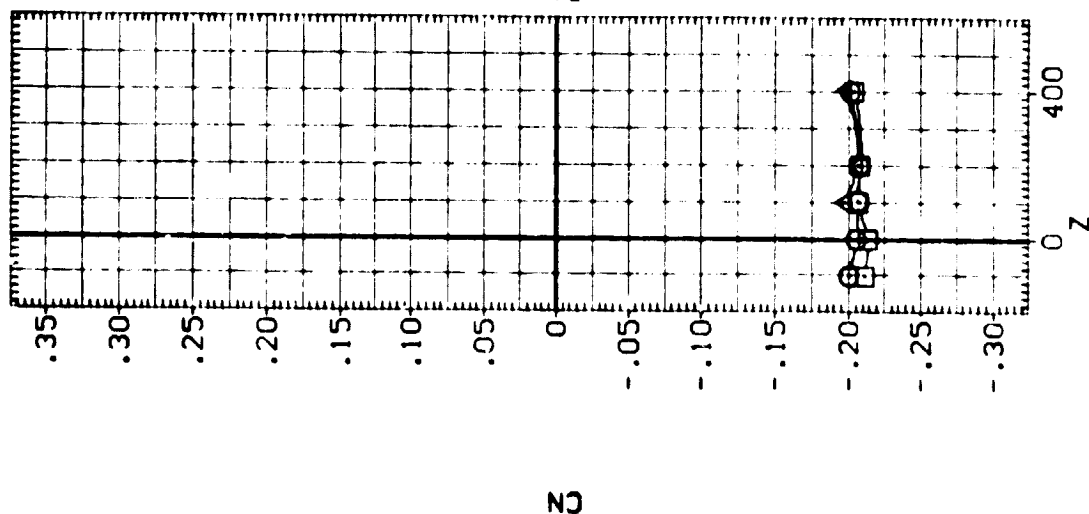


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(A)Y = 10.00

DATA SET SYMBOL  
(RTU038)  
(RTU039)  
(RTU042)

CONFIGURATION DESCRIPTION  
AEDC/VA528(IAB7)-O1ET1S1-O5B/ET  
AEDC/VA528(IAB7)-O1ET1S1-O5B/ET  
AEDC/VA528(IAB7)-O1ET1S1-O5B/ET

DALPHA DBETA X  
.000 .000 300.000  
5.000 300.000  
-5.000 300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2790.0000 50.000  
LREF 30.0000 INCHES  
SREF 1.30.0000 INCHES  
XREF 1097.0000 IN. YI  
YREF 1000.0000 IN. ZI  
ZREF 450.0000 IN. ZI  
SCALE 0100

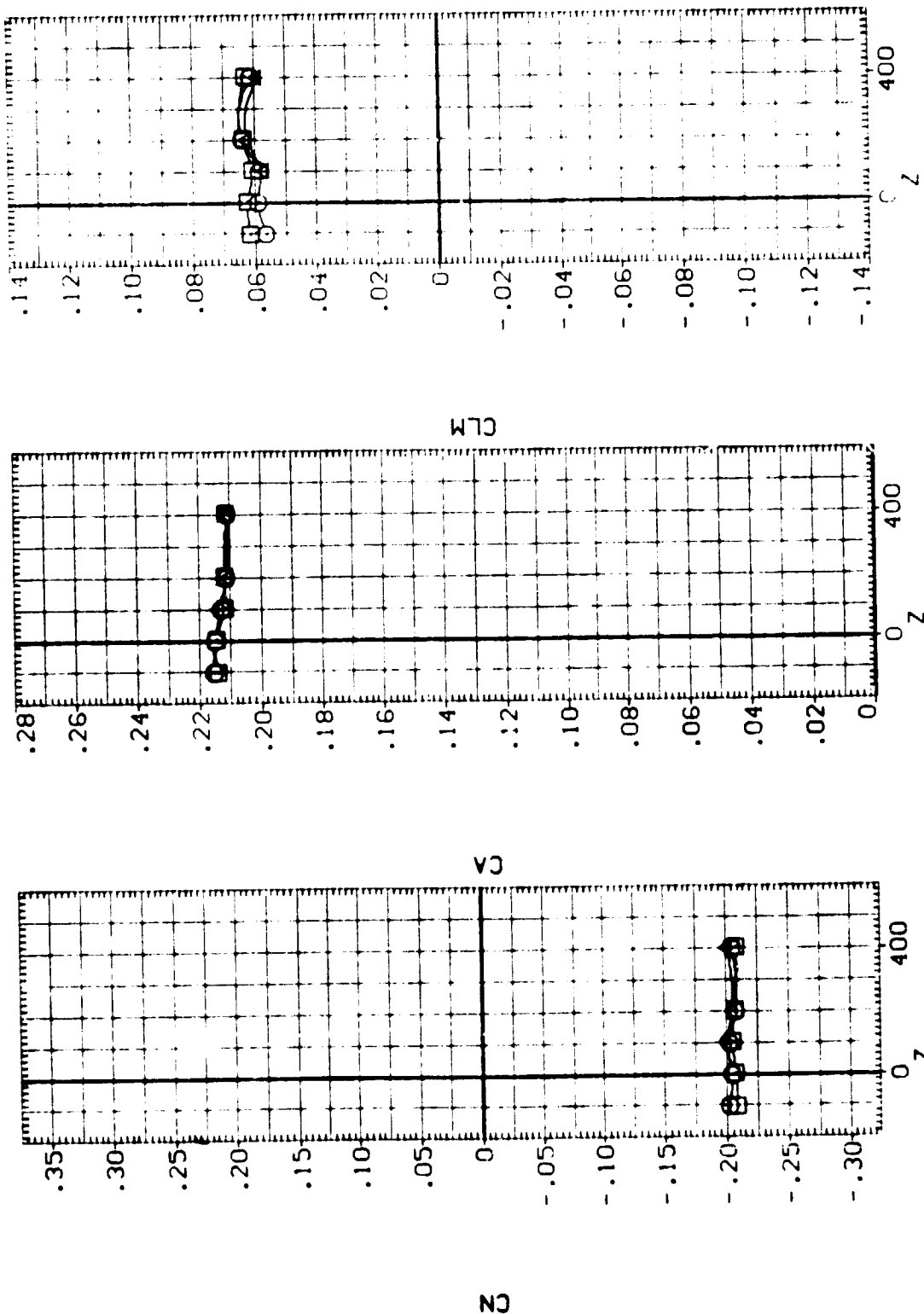


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(B)Y = 100.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU038) AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
 (RTU039) AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
 (RTU042) AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

ALPHA-A .000  
 DBETA .000  
 X 300.000  
 MACH 4.520

REFERENCE INFORMATION  
 SREF 7690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 SREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. Y1  
 YMRP .0000 IN. Y2  
 ZMRP 450.0000 IN. Z1  
 SCALE .0100

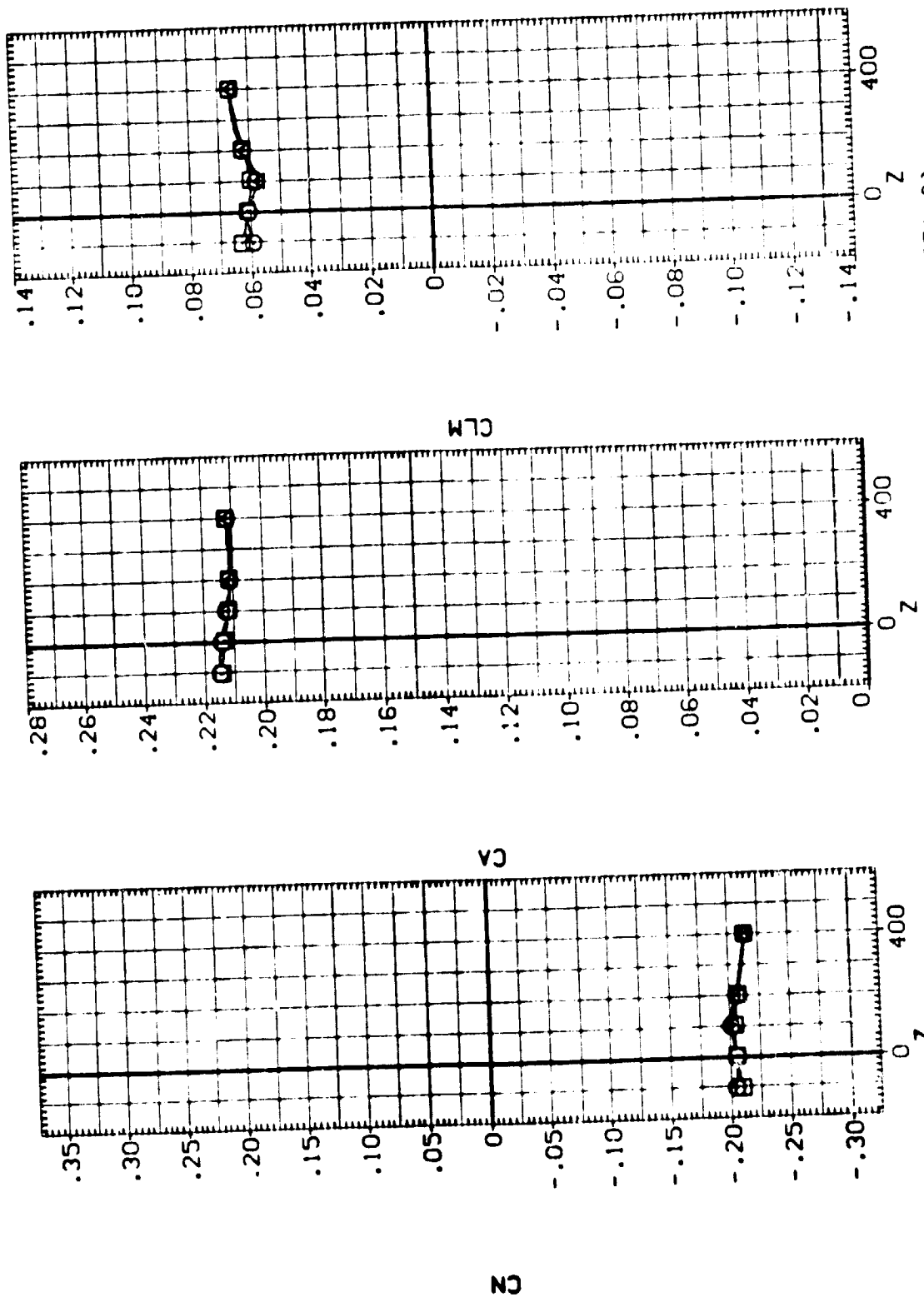


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)



DATA SET SYMBOL: (RTU038) (RTU039) (RTU042)

CONFIGURATION DESCRIPTION:  
 AEDC/VAS28(IAB7)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(IAB7)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(IAB7)-01ET1S1-0RB/ET V R/H SRB SEPAR.

DELTA DBETA X 300.000  
 0.000  
 0.000  
 0.000

MACH 4.520  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

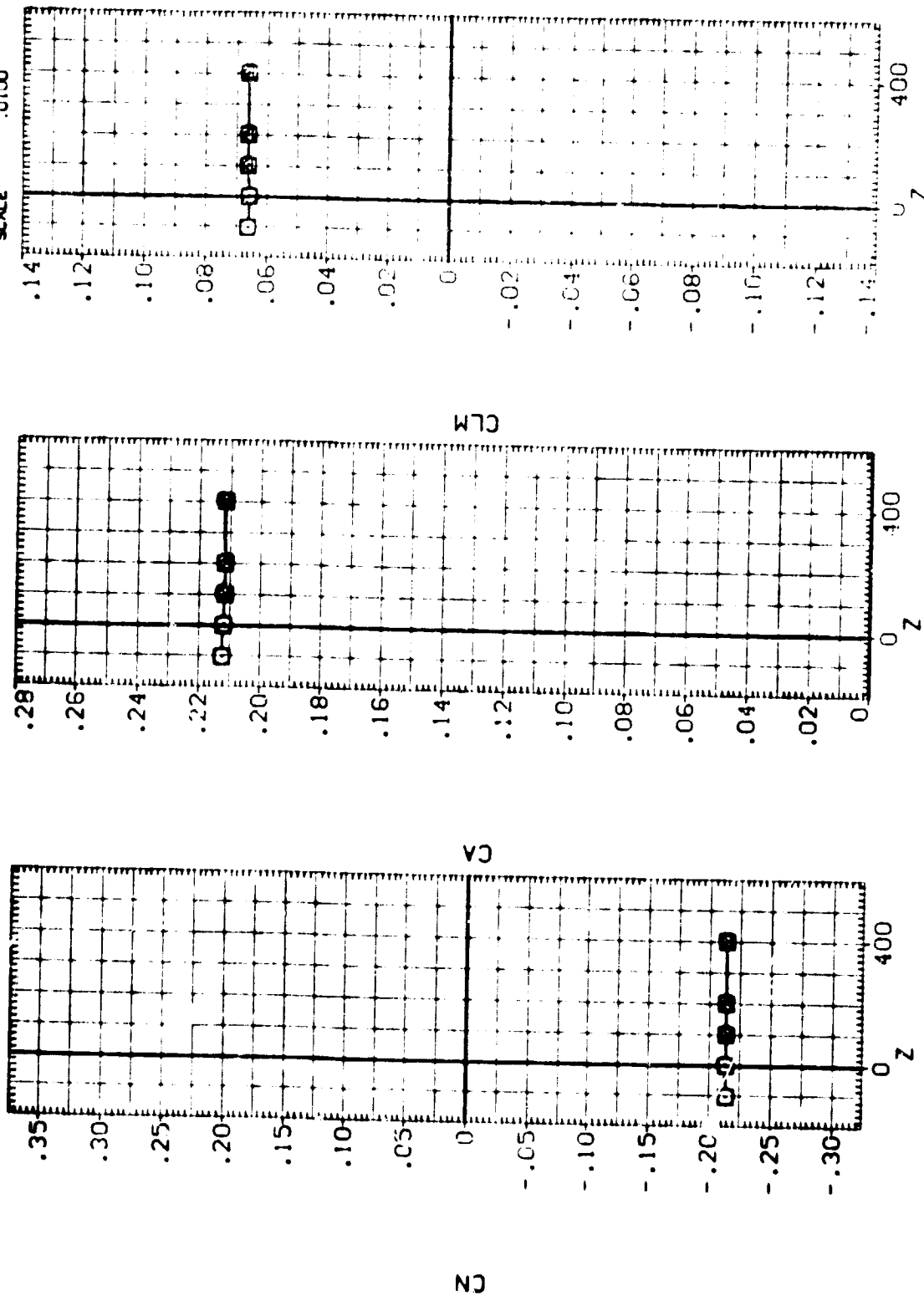


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(0)Y =400.00

# DATA SET SYMBOL

(RTU038)  
(RTU039)  
(RTU042)

# CONFIGURATION DESCRIPTION

AEDC/VAS28(IAB7)-O1ET1S1-OR8/ET  
AEDC/VAS28(IAB7)-O1ET1S1-OR8/ET  
AEDC/VAS28(IAB7)-O1ET1S1-OR8/ET

# R/H SRB SEPAR.

V R/H SRB SEPAR.  
V R/H SRB SEPAR.  
V R/H SRB SEPAR.

# DALPHA

.000  
5.000  
-5.000

# DBETA

.000  
.000  
.000

# X

300.000  
300.000  
300.000

# MACH

4.520  
4.520  
4.520

# REFERENCE INFORMATION

SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

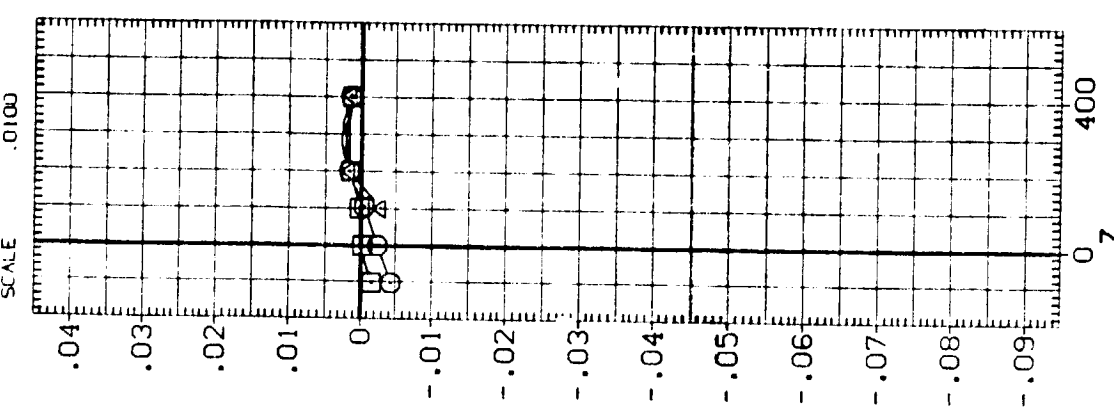
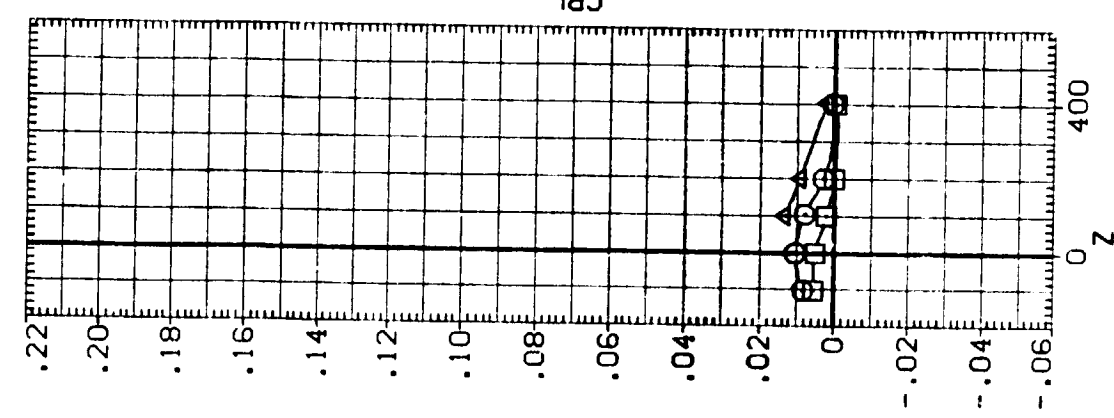
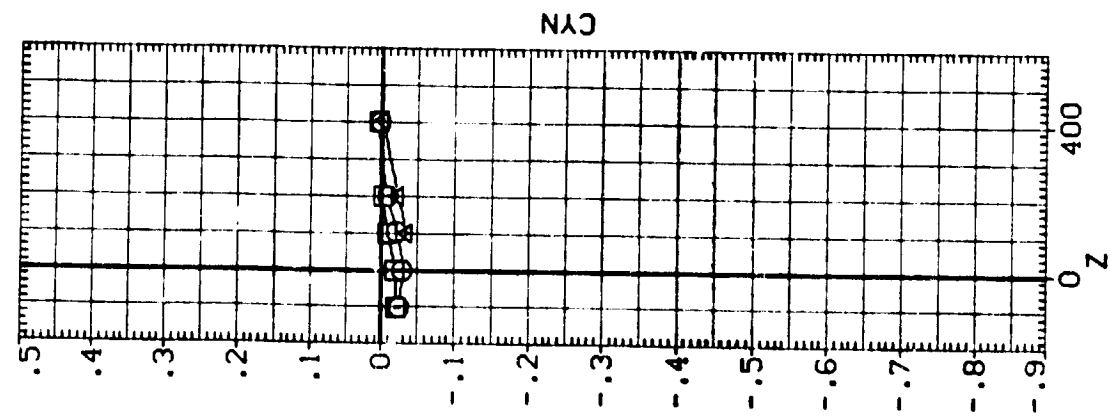


FIG.21 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU038)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.000	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU039)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU042)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

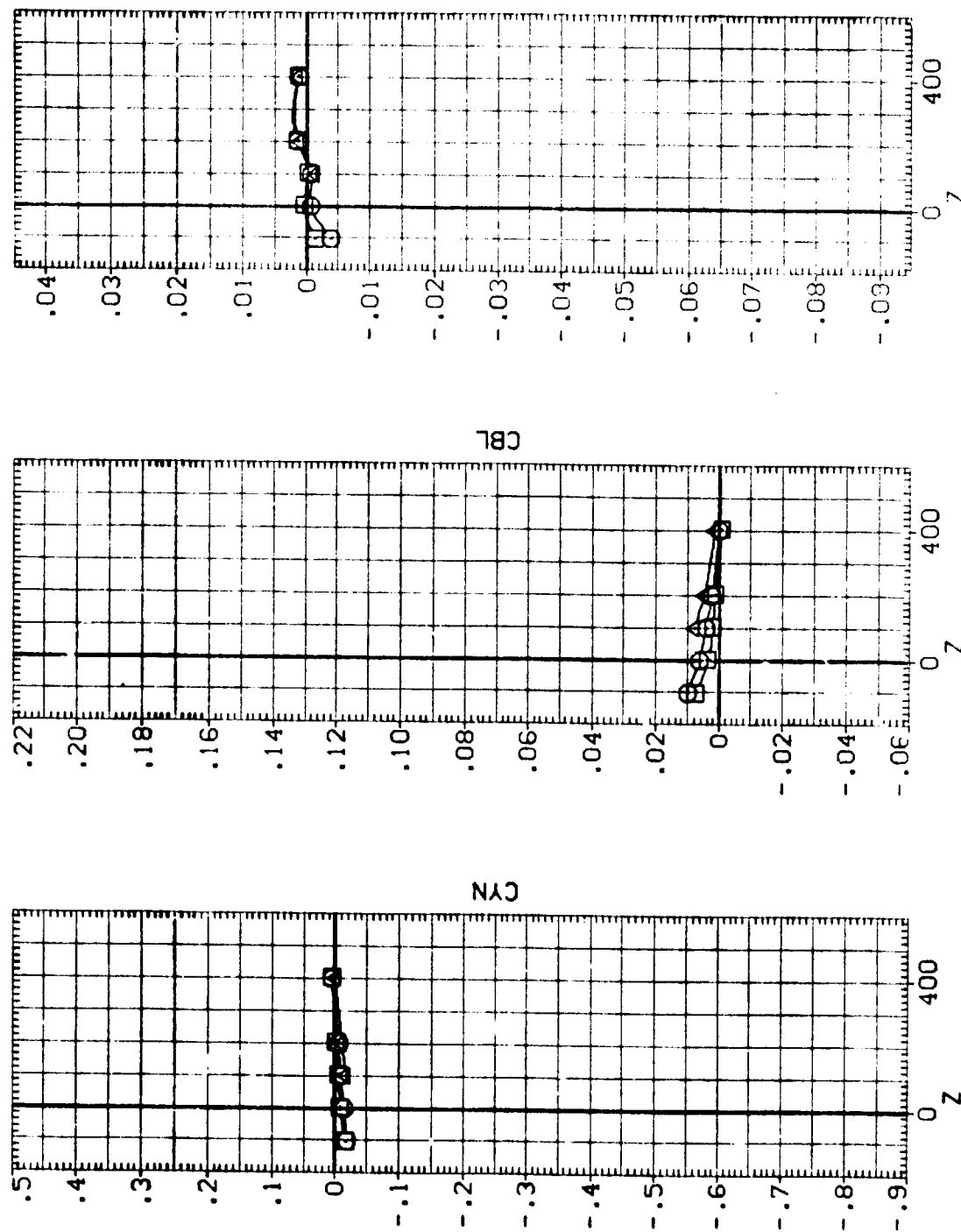


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(BY) =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU038)	AEDC/VAS28(IAB7)-01ETIS1-0RB/ET	.000	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU039)	AEDC/VAS28(IAB7)-01ETIS1-0RB/ET	.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU042)	AEDC/VAS28(IAB7)-01ETIS1-0RB/ET	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. X1
						YMRP .0000 IN. Y1
						ZMRP .0000 IN. Z1
						SCALE 450.0000
						.0100

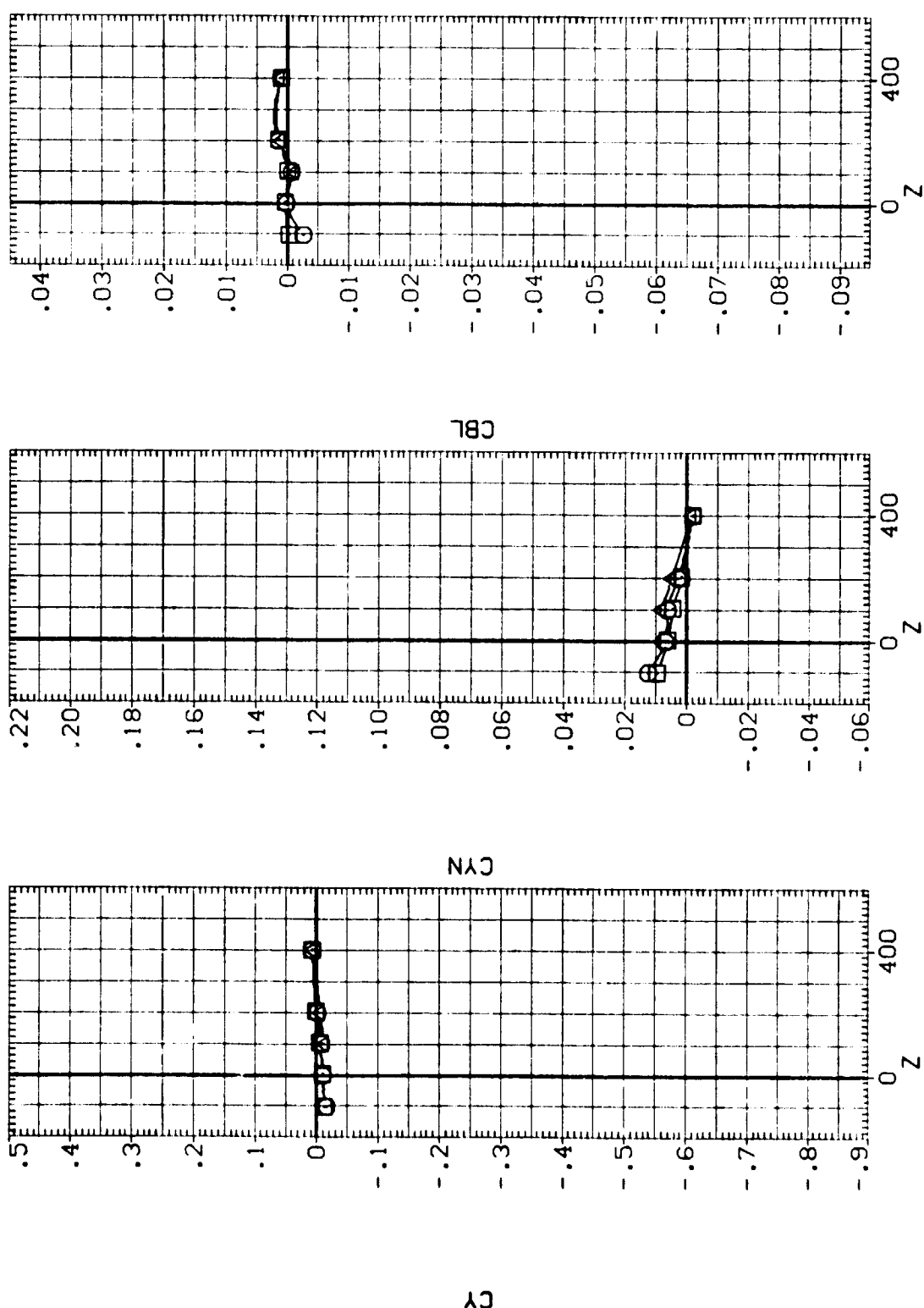


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(C)Y = 200.00

DATA SET SYMBOL  
(RTU038)  
(RTU039)  
(RTU042)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

ALPHA DBETA X  
.000 .000 300.000  
5.000 .000 300.000  
-5.000 .000 300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

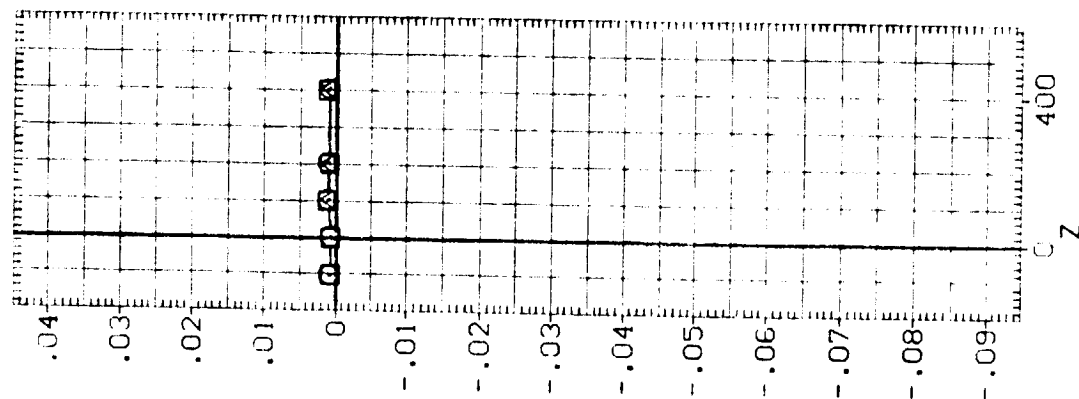
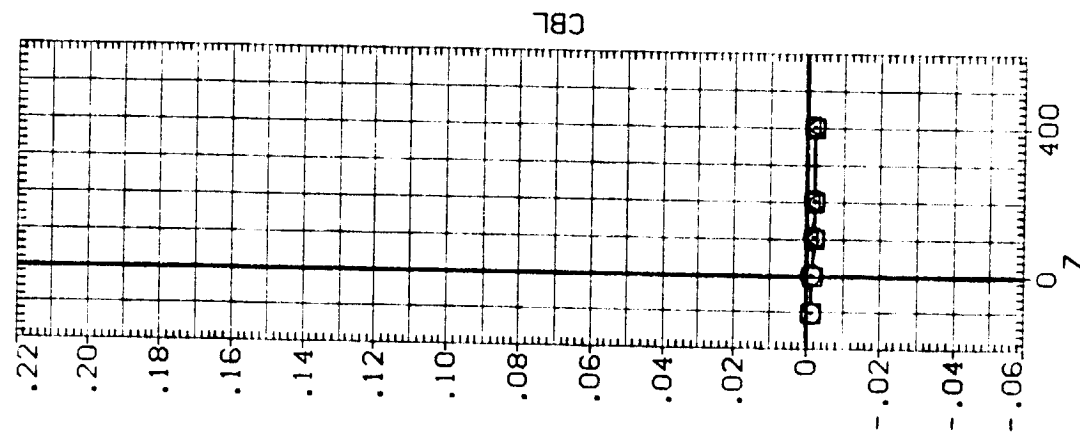
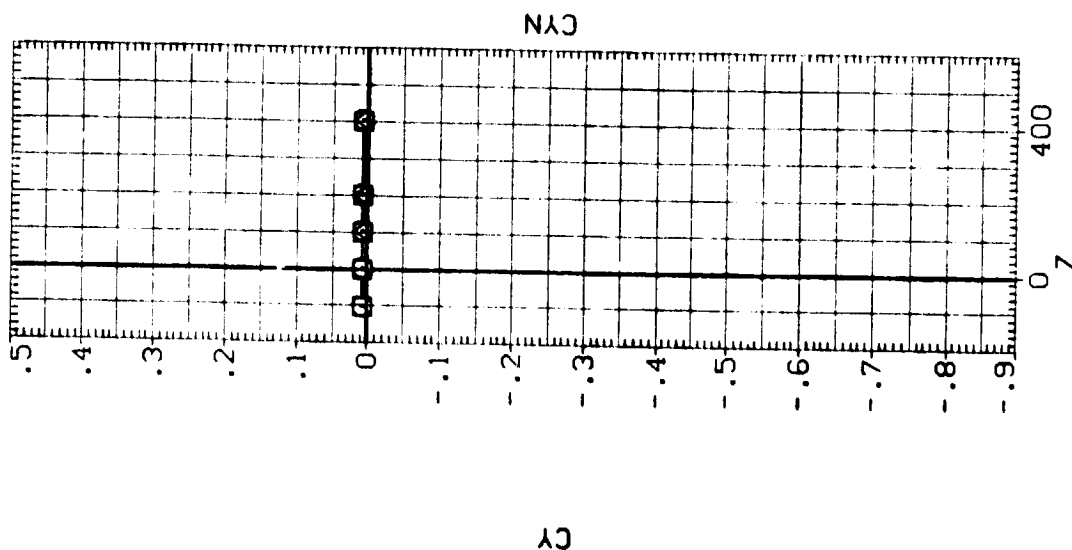


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)  
(0)Y =400.00



DATA SET SYMBOL	CONFIGURATION	DESCRIPTION	R/H SRB SEPAR.	DELTA	BETA	MACH	REFERENCE INFORMATION
(RTU053)	AEDC/VA528	(A87)-01ET1S1-0R8/ET	V	.000	-4.000	4.520	SREF 2690.0000 SQ.FT.
(RTU056)	AEDC/VA528	(A87)-01ET1S1-0R8/ET	V	.000	-4.000	4.520	REF 1290.3000 INCHES
(RTU057)	AEDC/VA528	(A87)-01ET1S1-0R8/ET	V	-5.000	-4.000	4.520	BREF 1290.3000 INCHES
							XMRP 1097.0000 IN. XT
							YMRP .0000 IN. YT
							ZMRP 450.0000 IN. ZT
							SCALE .0100

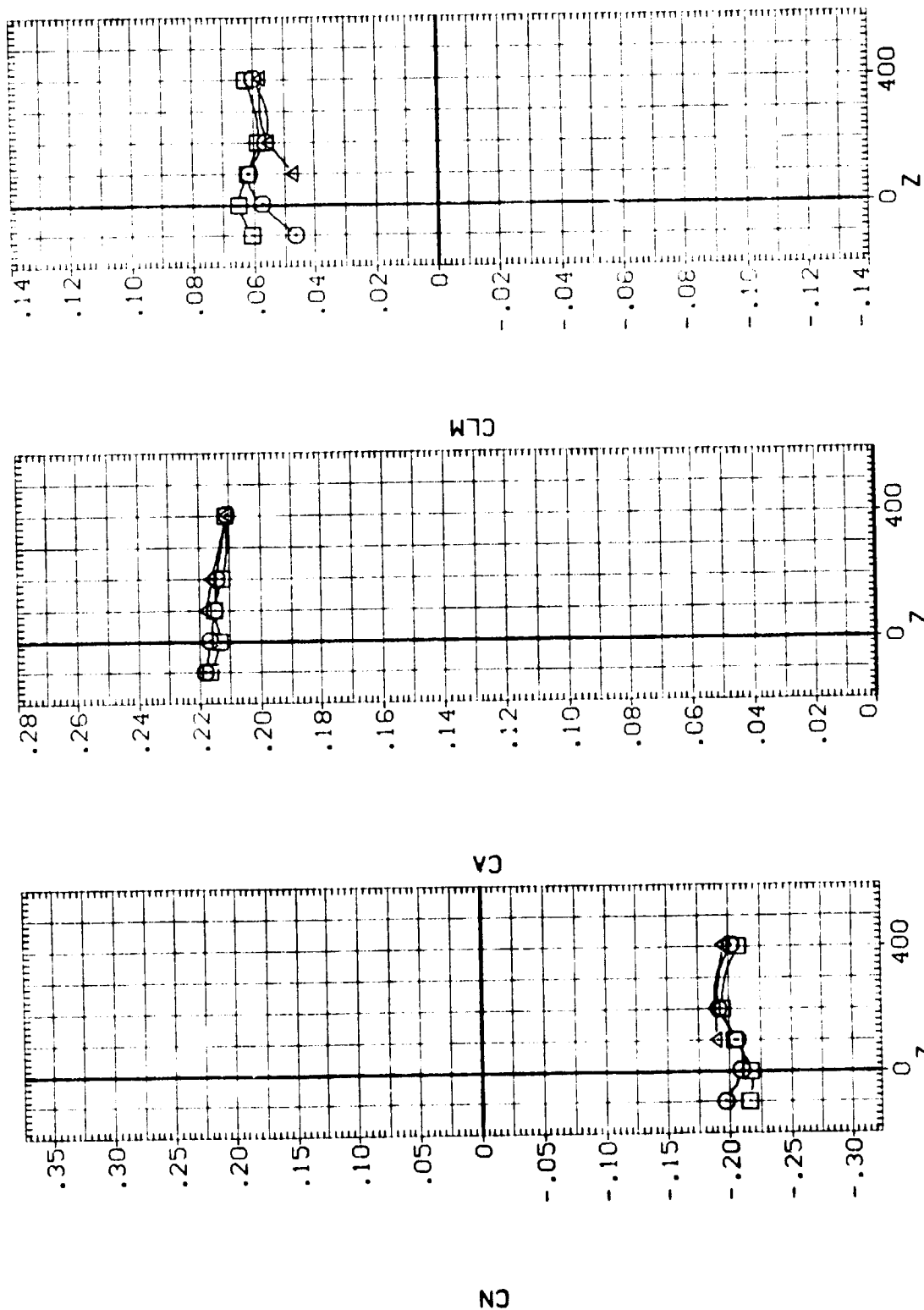


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(B)Y =100.00

DATA SET SYMBOL  
(RTU053)  
(RTU056)  
(RTU057)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ETISI-ORR/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETISI-ORR/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETISI-ORR/ET V R/H SRB SEPAR.

DELTA DBETA  
.000  
-4.000  
-4.000

MACH X  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1790.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

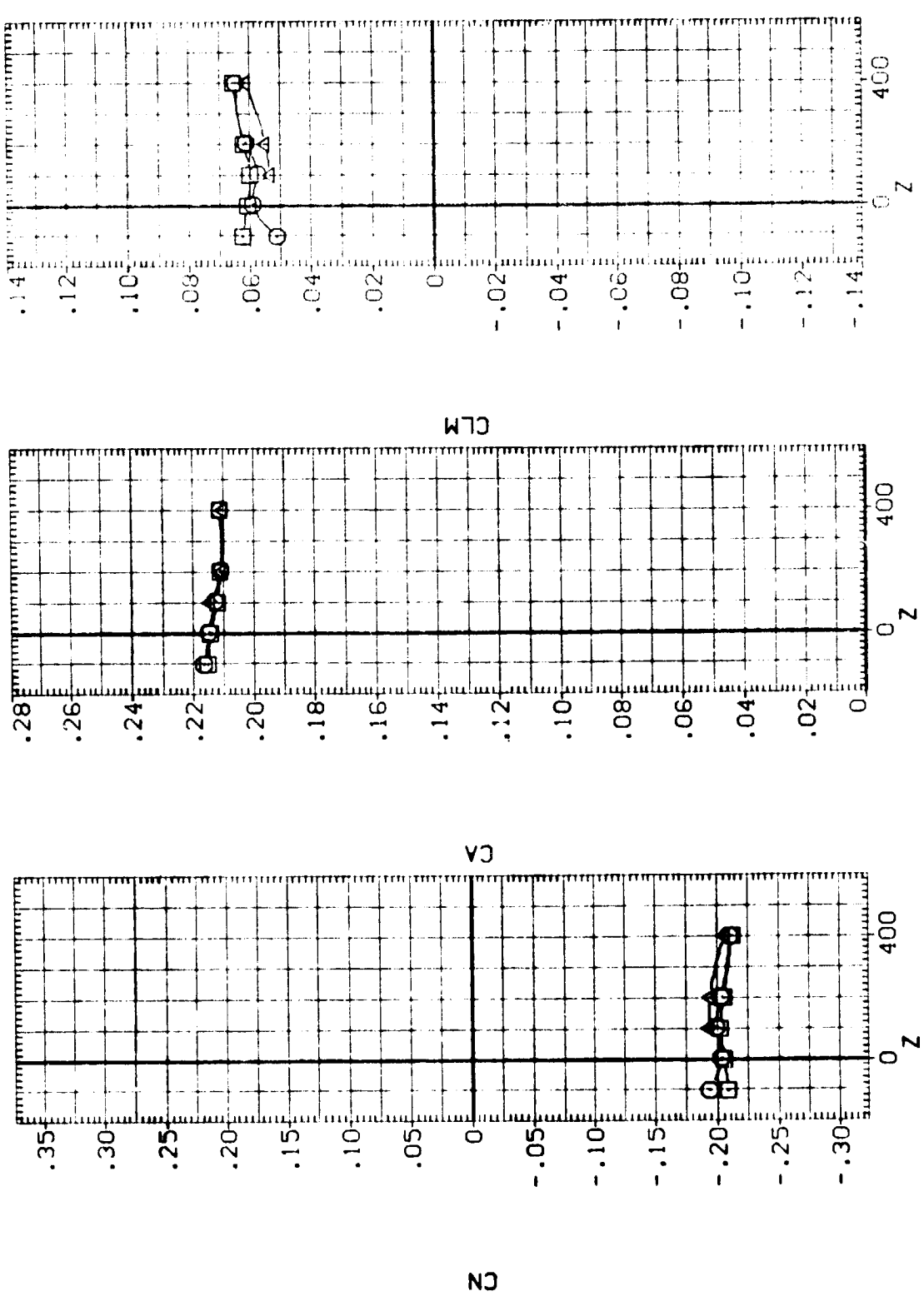


FIG.21 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(C)Y =200.00

DATA SET SYMBOL: (RTU053) (RTU056) (RTU057)

CONFIGURATION DESCRIPTION:

AECC/AS28	AB7	Q1ET	SI	ORB/ET	R/H	SRB	SEPAR.
AECC/AS28	AB7	Q1ET	SI	ORB/ET	R/H	SRB	SEPAR.
AECC/AS28	AB7	Q1ET	SI	ORB/ET	R/H	SRB	SEPAR.

REFERENCE INFORMATION:

SREF	2690	0000	50	FT.
LREF <td>1290 <td>3000 <td></td> <td>INCHES</td> </td></td>	1290 <td>3000 <td></td> <td>INCHES</td> </td>	3000 <td></td> <td>INCHES</td>		INCHES
BREF <td>1290 <td>3000 <td></td> <td>INCHES</td> </td></td>	1290 <td>3000 <td></td> <td>INCHES</td> </td>	3000 <td></td> <td>INCHES</td>		INCHES
XMRP <td>1097 <td>0000 <td></td> <td>IN. AT</td> </td></td>	1097 <td>0000 <td></td> <td>IN. AT</td> </td>	0000 <td></td> <td>IN. AT</td>		IN. AT
YMRP <td>450 <td>0000 <td></td> <td>IN. YZ</td> </td></td>	450 <td>0000 <td></td> <td>IN. YZ</td> </td>	0000 <td></td> <td>IN. YZ</td>		IN. YZ
ZMRP <td>450 <td>0000 <td></td> <td>IN. YZ</td> </td></td>	450 <td>0000 <td></td> <td>IN. YZ</td> </td>	0000 <td></td> <td>IN. YZ</td>		IN. YZ
SCALE <td></td> <td></td> <td>.0100</td> <td></td>			.0100	

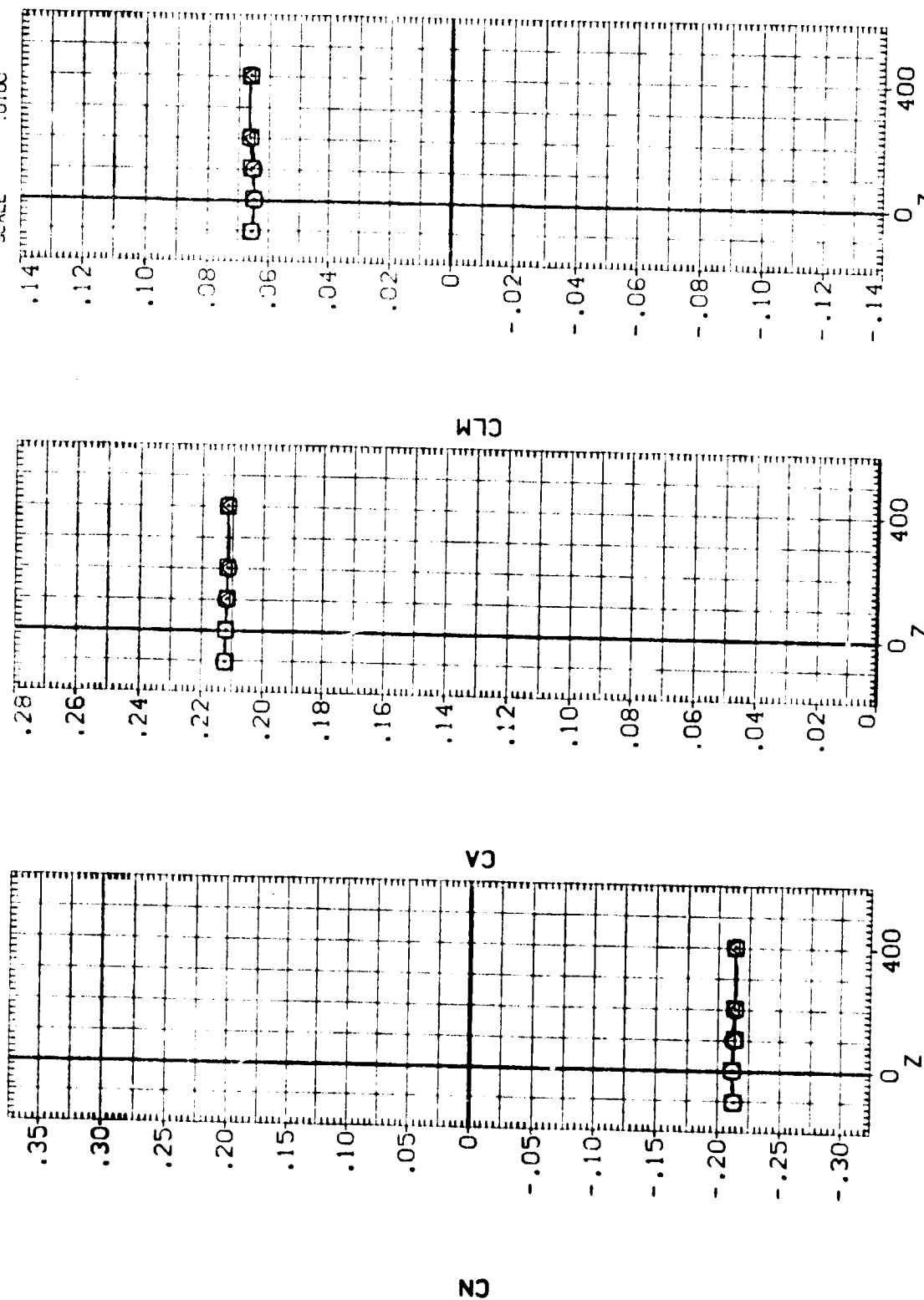


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(D)Y = 400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(RTU053)	AECC/VAS28(1A87)-01ET1S1-088/ET	(RTU053)	AECC/VAS28(1A87)-01ET1S1-088/ET	(RTU053)	AECC/VAS28(1A87)-01ET1S1-088/ET	(RTU053)	AECC/VAS28(1A87)-01ET1S1-088/ET
(RTU056)	AECC/VAS28(1A87)-01ET1S1-088/ET	(RTU056)	AECC/VAS28(1A87)-01ET1S1-088/ET	(RTU056)	AECC/VAS28(1A87)-01ET1S1-088/ET	(RTU056)	AECC/VAS28(1A87)-01ET1S1-088/ET
(RTU057)	AECC/VAS28(1A87)-01ET1S1-088/ET	(RTU057)	AECC/VAS28(1A87)-01ET1S1-088/ET	(RTU057)	AECC/VAS28(1A87)-01ET1S1-088/ET	(RTU057)	AECC/VAS28(1A87)-01ET1S1-088/ET

REFERENCE INFORMATION	SO. F.
SREF	2690.0000
LREF	1290.3000
BREF	1290.3000
YMRP	1097.0000
ZMRP	450.0000
SCALE	.0100

MACH	4.520
DBETA	-4.000
DALPHA	5.000
SRB SEPAR.	-5.000
SRB SEPAR.	-4.000
SRB SEPAR.	-4.000

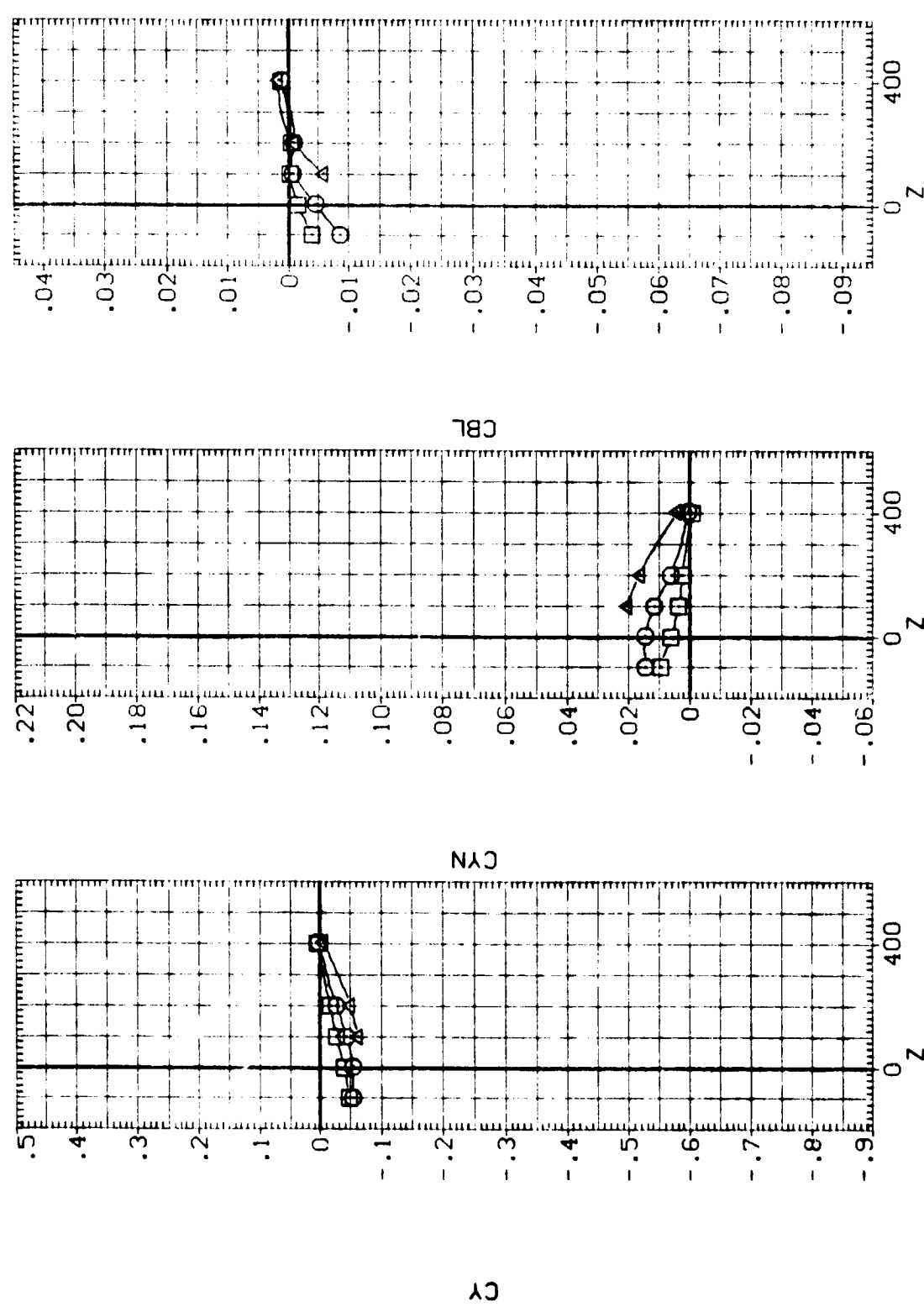


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(B)Y =100.00

DATA SET SYMBOL: (RTU053) (RTU056) (RTU057)

CONFIGURATION DESCRIPTION:  
 AEDC/VAS281(AB7)-01ETIS1-OR8/ET  
 AEDC/VAS281(AB7)-01ETIS1-OR8/ET  
 AEDC/VAS281(AB7)-01ETIS1-OR8/ET

REFERENCE INFORMATION:  
 SRFF 2690.0000 SQ.FT.  
 REF 290.3000 INCHES  
 BREF 290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP 450.0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

MACH 4.520  
 4.520  
 4.520

ALPHA 0.000  
 0.000  
 -5.000

BETA 0.000  
 0.000  
 -4.000

SRB SEPAR. R/H SRB SEPAR. R/H SRB SEPAR. R/H

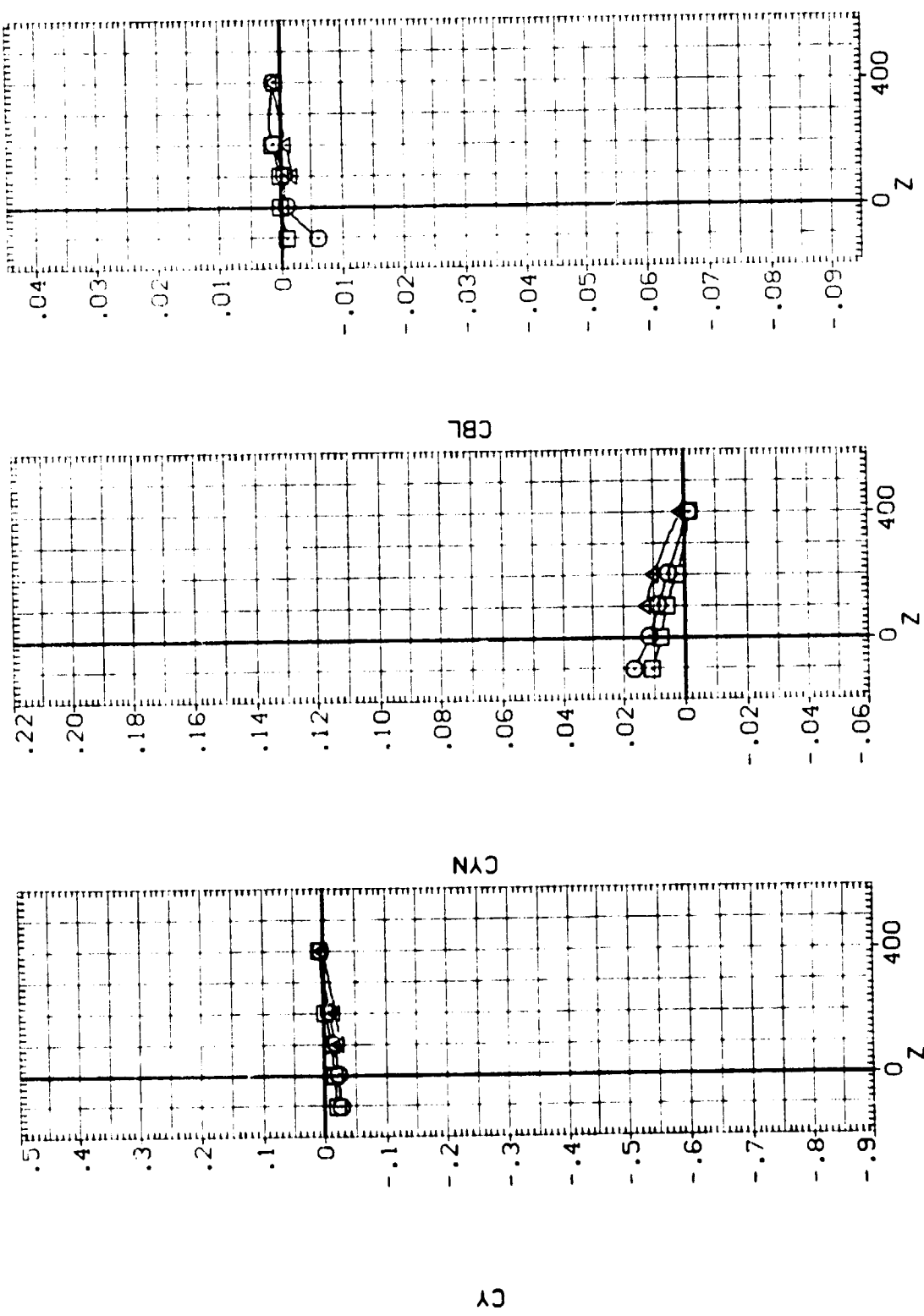


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(CY) =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DELTA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU053)	AEDC/VAS28(1A87)-01ETIS1-088/ET	.000	-4.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTU056)	AEDC/VAS28(1A87)-01ETIS1-088/ET	.000	-4.000	.000	4.520	LREF 1290.3000 INCHES
(RTU057)	AEDC/VAS28(1A87)-01ETIS1-088/ET	-5.000	-4.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

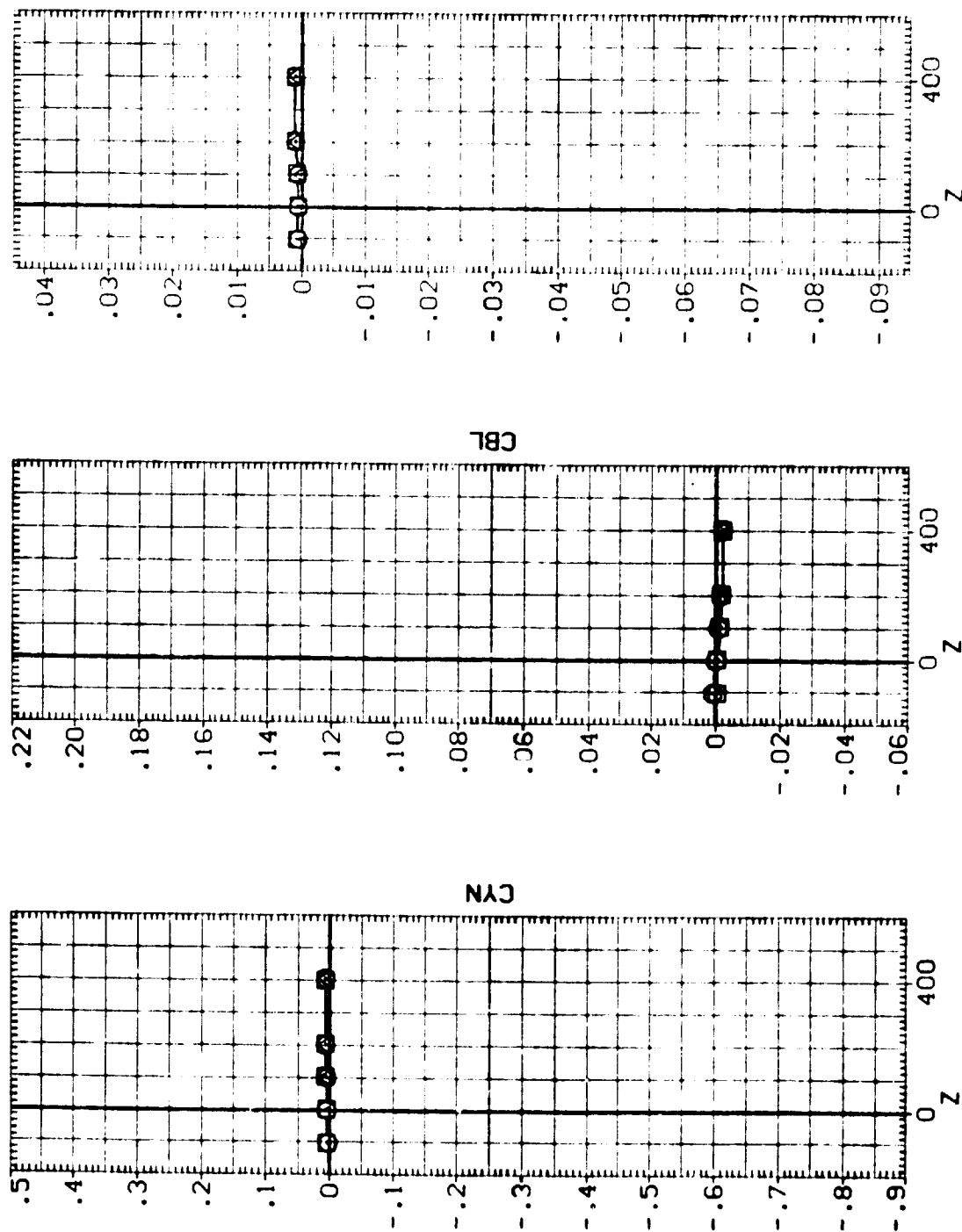


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(0)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	ALPHA	BETA	MACH	REFERENCE INFORMATION
(RTU054)	AEDC VAS28(1A87)-01ETIS1-068/ET	▼	0.000	-4.000	4.520	SREF 2690.0000 SO.FT.
(RTU055)	AEDC VAS28(1A87)-01ETIS1-068/ET	▼	5.000	-4.000	4.520	SREF 1290.3000 INCHES
(RTU058)	AEDC VAS28(1A87)-01ETIS1-068/ET	▼	-5.000	-4.000	4.520	SREF 1290.3000 INCHES
						YREF 1097.0000 IN. XT
						YREF 450.0000 IN. YT
						SCALE .0100

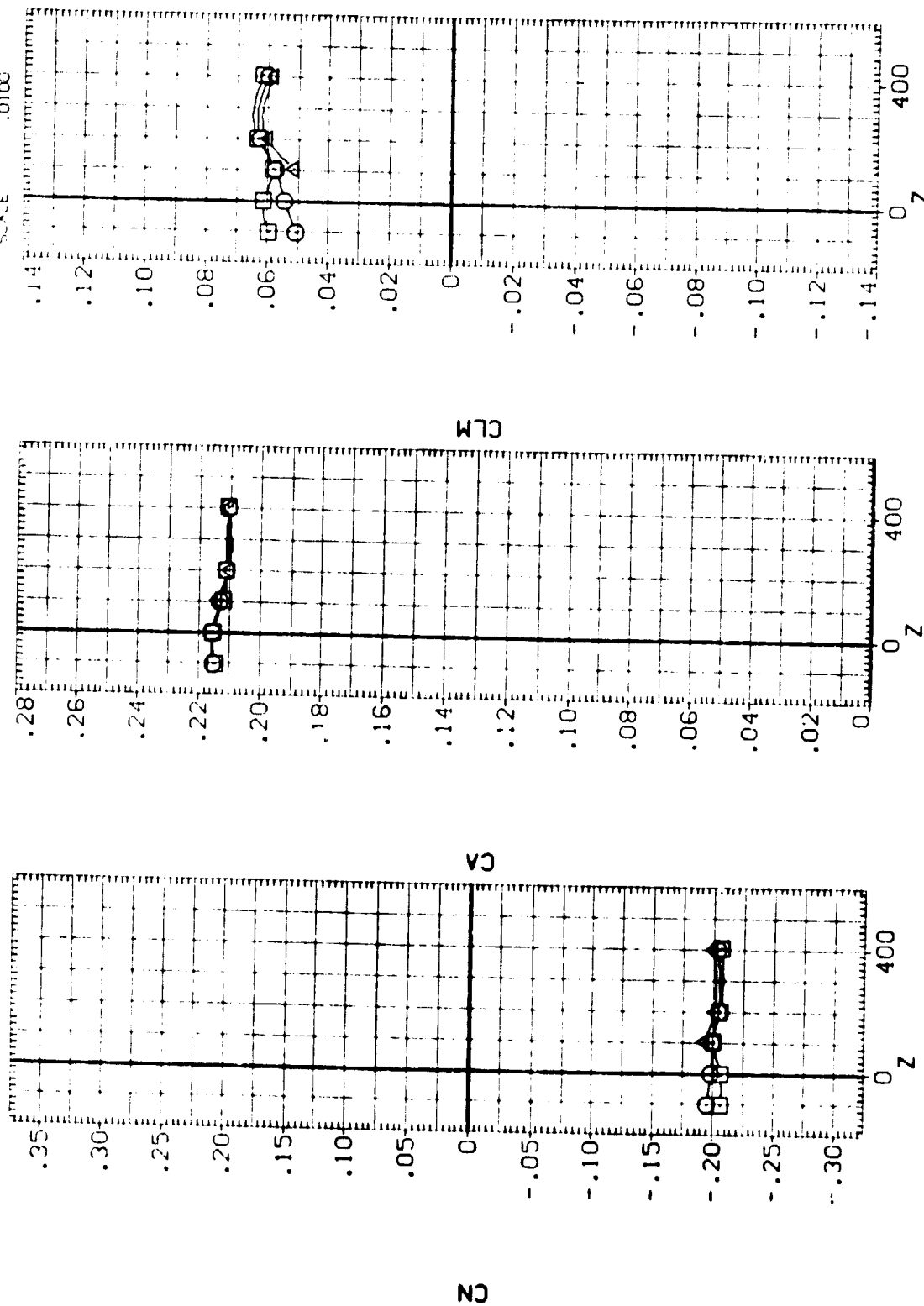


FIG.21 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(B) Y = 100.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU054)  
(RTU055)  
(RTU058)



AEDC/VAS28(IAB7)-01ETIS1-058/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-01ETIS1-058/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-01ETIS1-058/ET V R/H SRB SEPAR.

DALPHA DBETA X  
0.000 -4.000 300.000  
5.000 -4.000 300.000  
-5.000 -4.000 300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2650.0000 SQ. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 1097.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

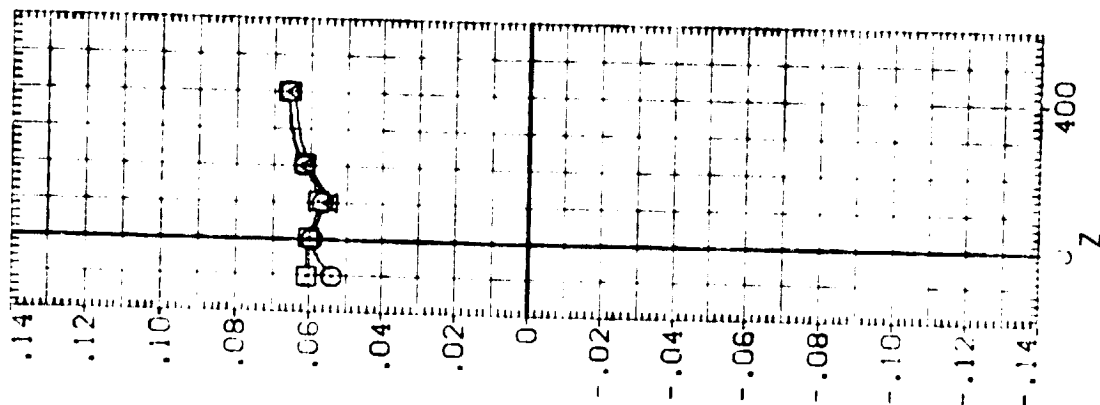
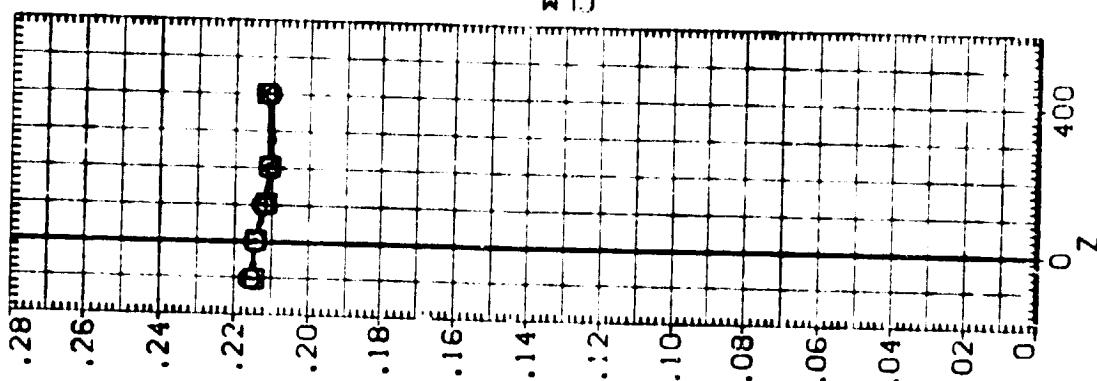
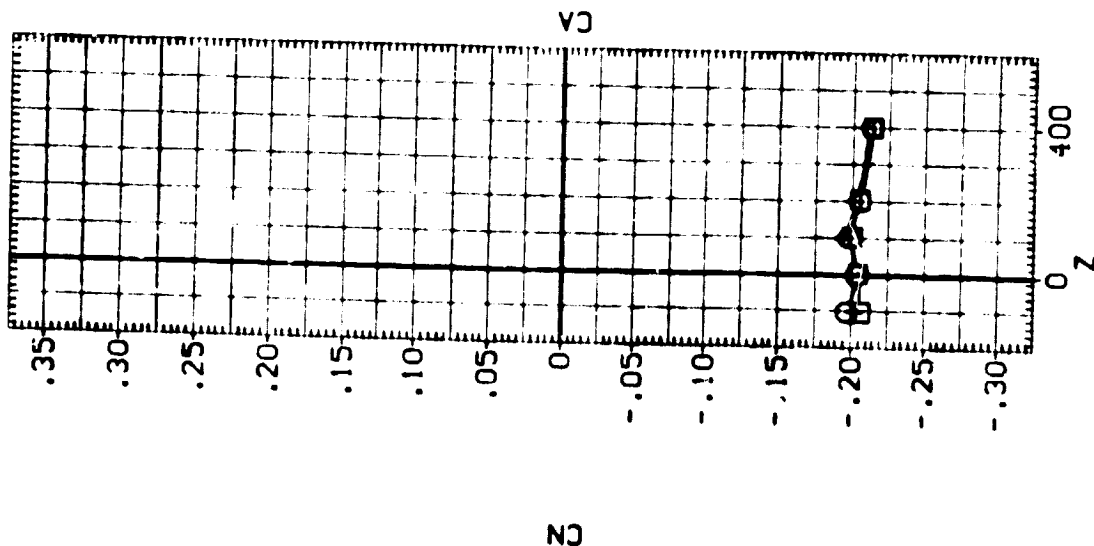


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)  
(C)Y = 200.00

DATA SET SYMBOL  
(RTU054)  
(RTU055)  
(RTU056)

CONFIGURATION DESCRIPTION  
AEDC VAS28 (AB7)-OJETIS1-ORR/ET  
AEDC VAS28 (AB7)-OJETIS1-ORR/ET  
AEDC VAS28 (AB7)-OJETIS1-ORR/ET

R/H SRB SEPAR.  
R/H SRB SEPAR.  
R/H SRB SEPAR.

DALPHA DBETA  
DALPHA DBETA  
DALPHA DBETA

X  
X  
X

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2630.0000 SQ.FT.  
XREF 1250.0000 INCHES  
BREF 1250.0000 INCHES  
XREF 1250.0000 IN. XT  
XREF 1250.0000 IN. YT  
XREF 1250.0000 IN. ZT  
SCALE 450.0000

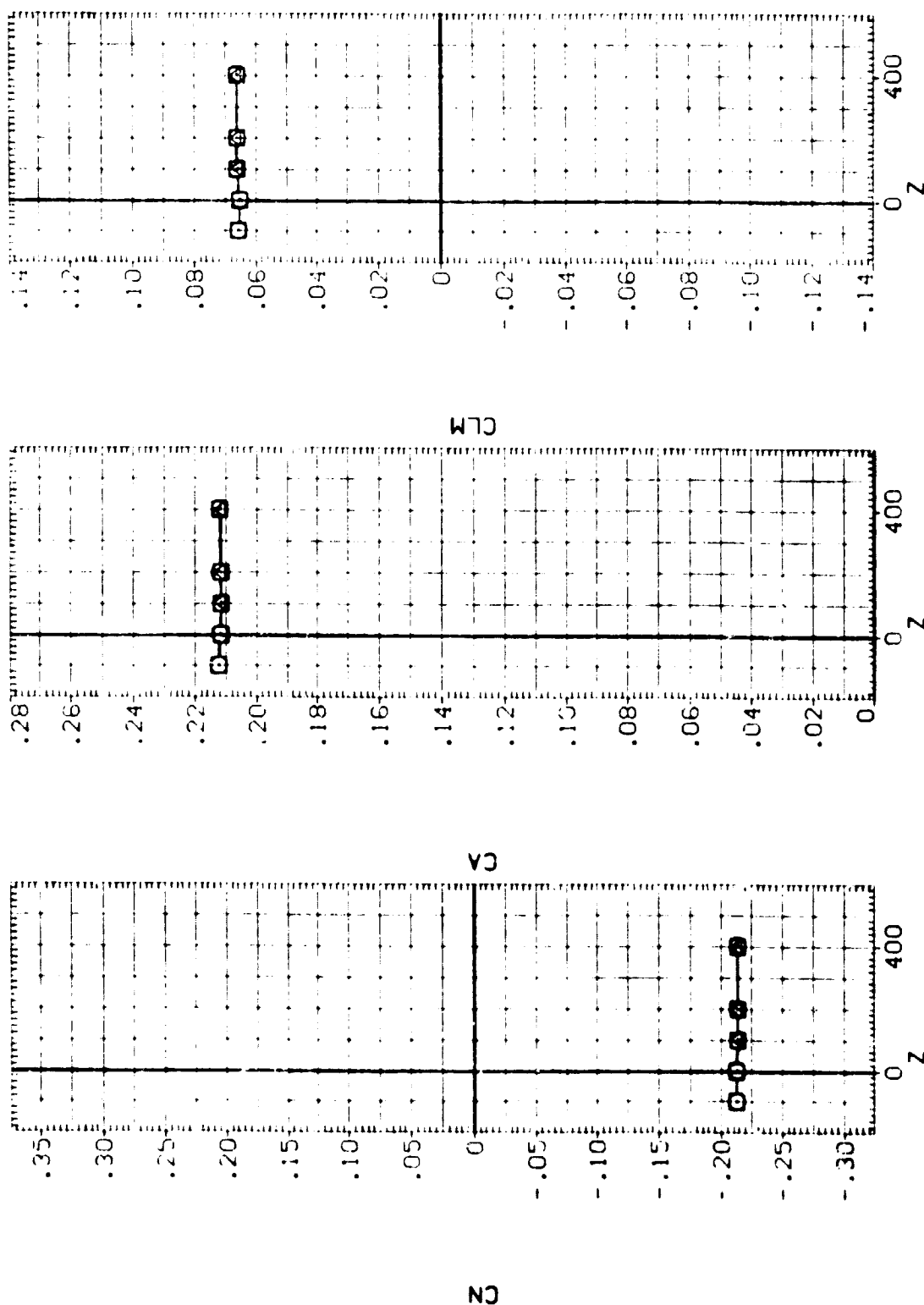


FIG.21 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(O)Y =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU054) AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 (RTU075) AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 (RTU056) AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

ALPHA DBETA X  
 0.000 -4.000 300.000  
 5.000 -4.000 300.000  
 -5.000 -4.000 300.000

REFERENCE INFORMATION  
 SREF 2650.0000 SQ.FT.  
 LREF 1250.3000 INCHES  
 BREF 1250.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCAL E .0100

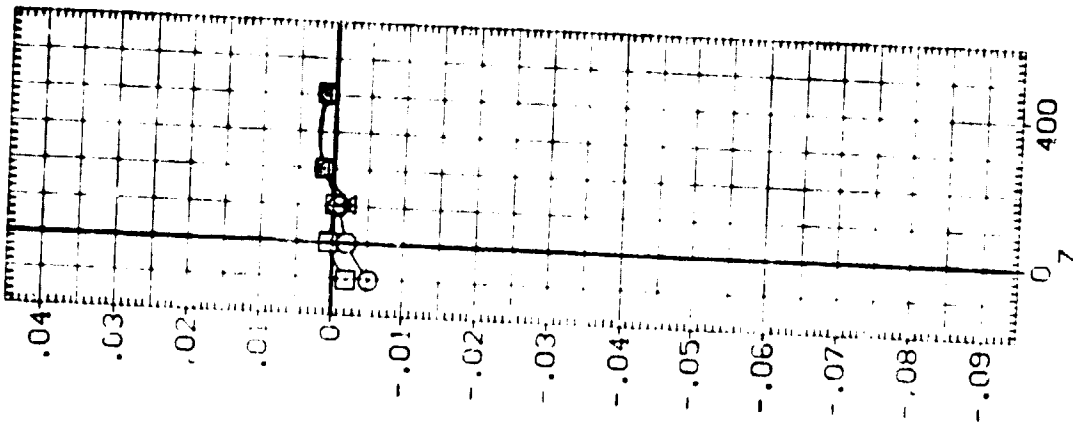
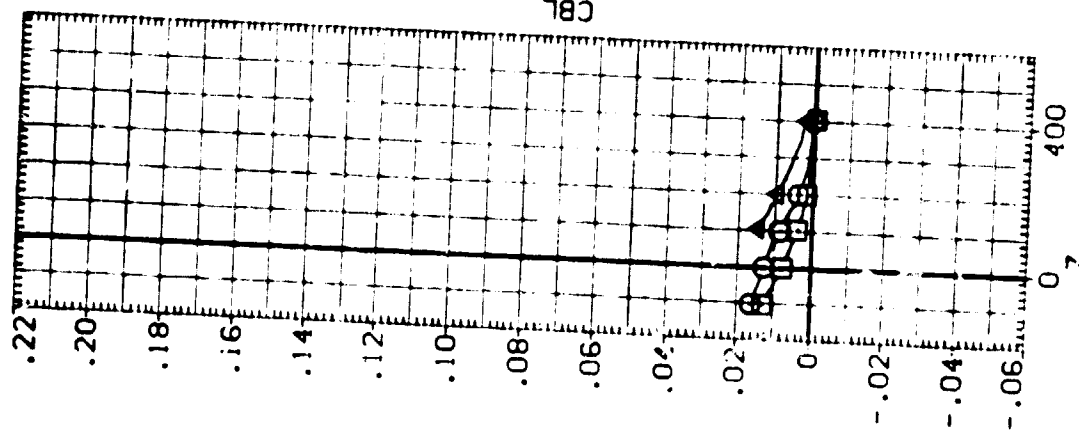
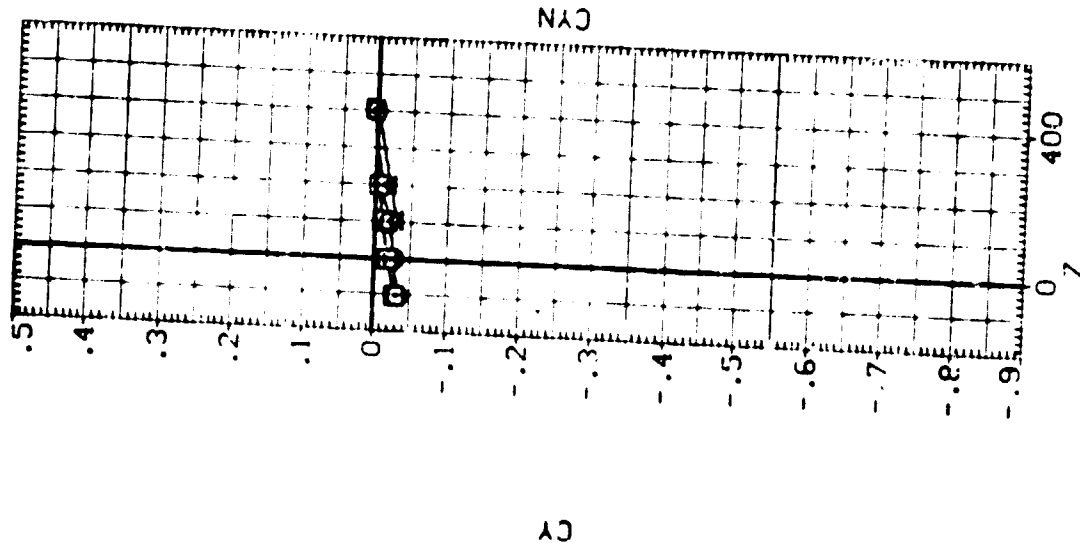


FIG.21 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)  
 (B)Y =100.00

(RTU054)  
(RTU055)  
(RTU058)

CONF	FIGURATION	DESCRIPTION
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

AEDC/VA528 (A87) -01ETSI -0RB/ET V R/H SRB SEPAR.  
 AEDC/VA528 (A87) -ETSI -0RB/ET V R/H SRB SEPAR.  
 AEDC/VA528 (A87) -ETSI -0RB/ET V R/H SRB SEPAR.

GA:PHIA

-1.000  
-4.000  
-4.000  
-5.000

**X**

300.000  
300.000  
300.000

MACH

4.520  
4.520  
4.520

## REFERENCE INFORMATION

	SQ.FT.	INC.F'S
SREF	2650.0000	
UREF	1290.3000	
BREF	1290.3000	
XMRP	1097.0000	
Y7 RP	.0000	
Z7 RP	450.0000	
SCALE	.0100	

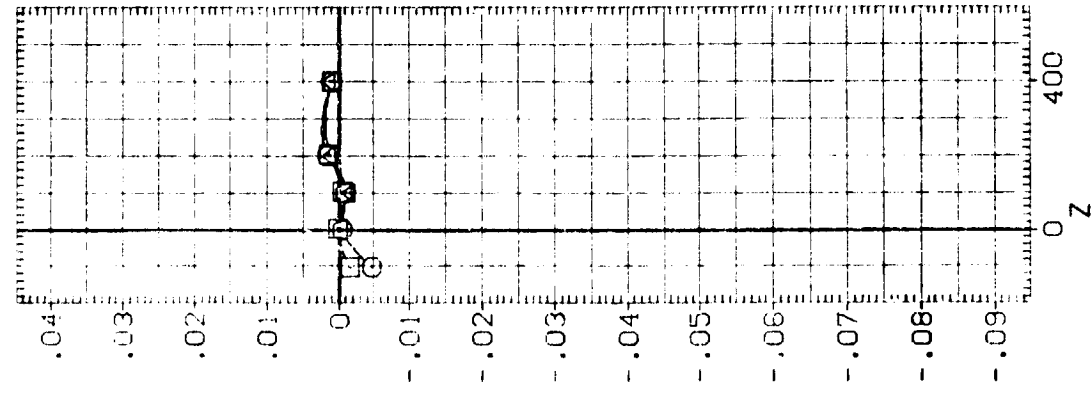
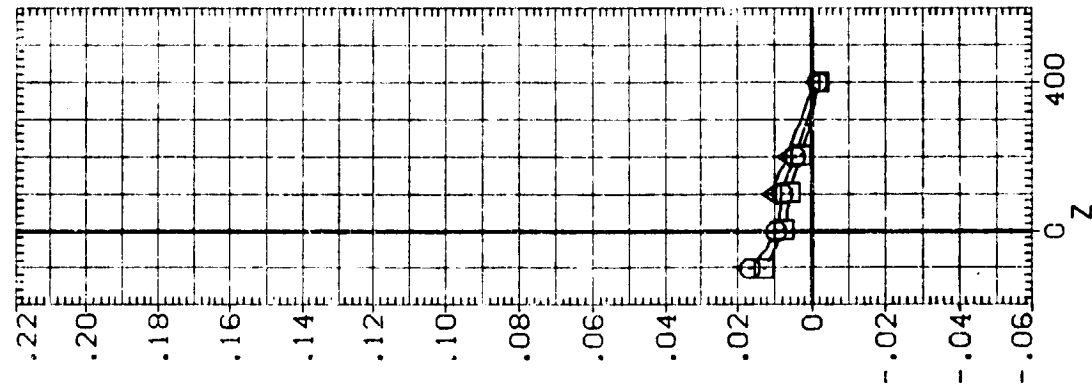
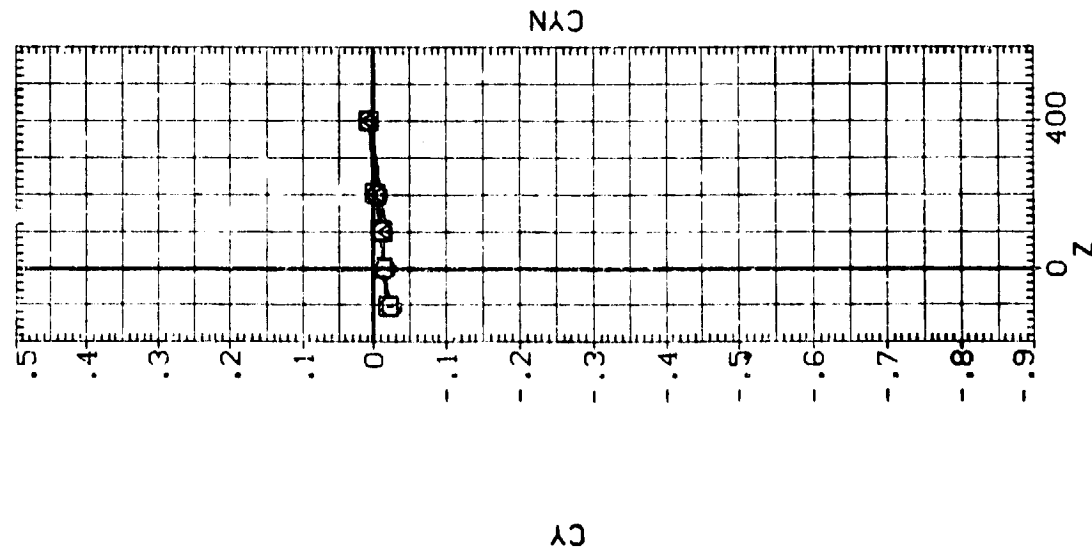


FIG.21 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)





DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU059)	AEDC/VAS28(1A87)-01ET1S1-OR8/ET	.000	-8.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTU062)	AEDC/VAS28(1A87)-01ET1S1-OR8/ET	.000	-8.000	.000	4.520	LREF 1290.3000 INCHES
(RTU063)	AEDC/VAS28(1A87)-01ET1S1-OR8/ET	.000	-8.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. YI
						ZMRP .0000 IN. ZI
						SCALE 450.0000 .0100

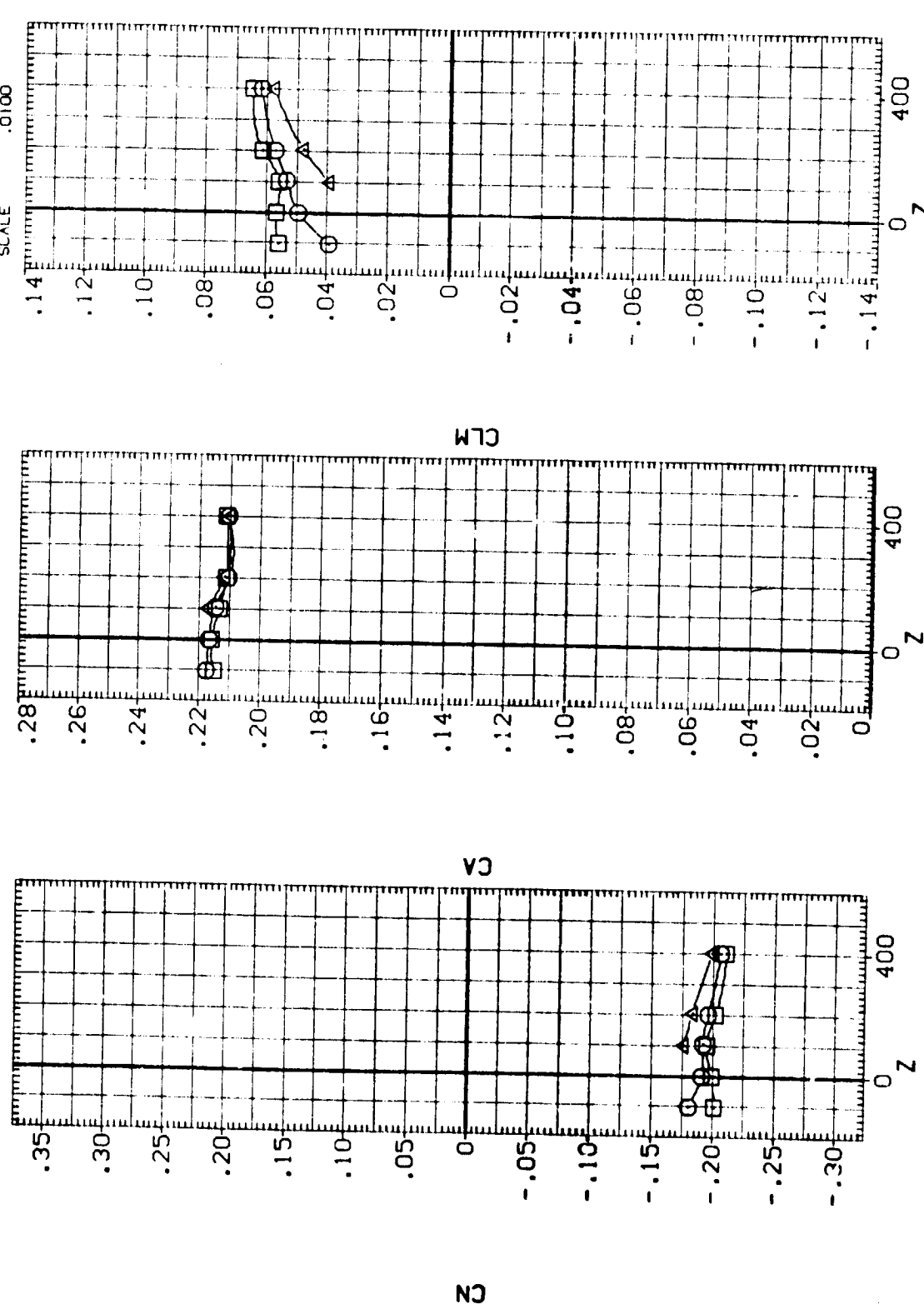


FIG.21 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)  
(C)Y =200.00

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(RTU059)      AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.

(RTU062)      AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.

(RTU063)      AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(RTU059)      AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.

(RTU062)      AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.

(RTU063)      AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.

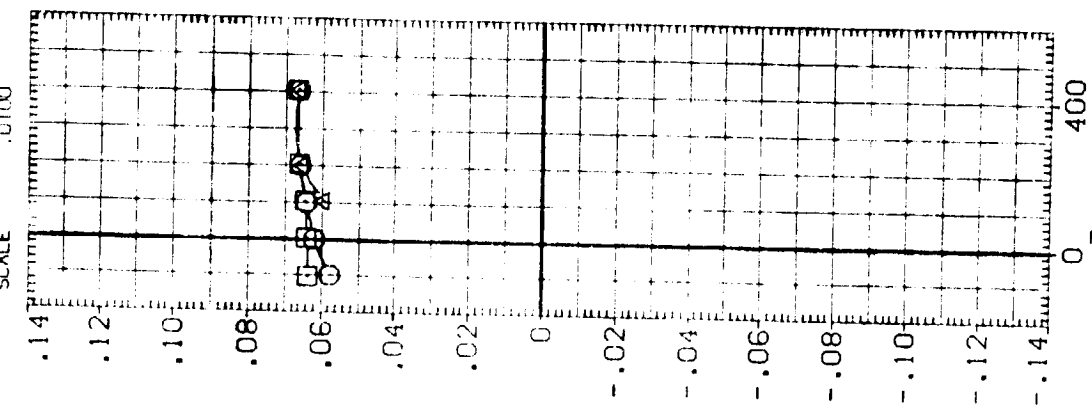
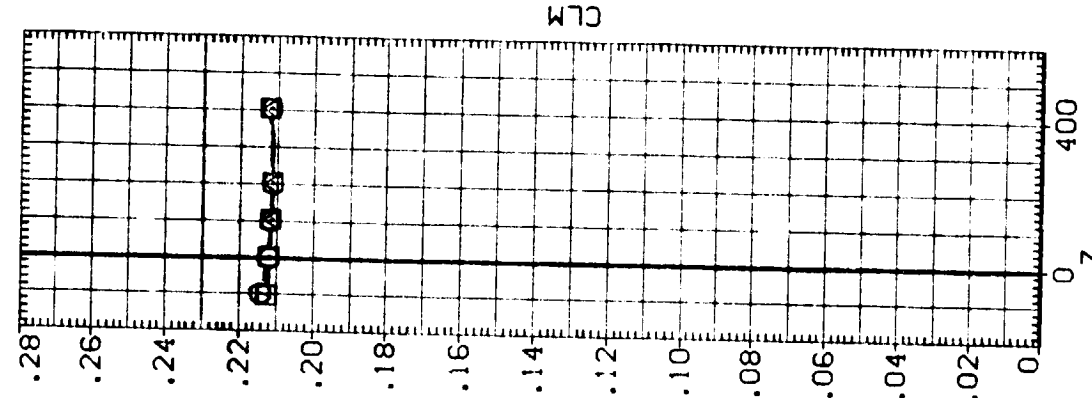
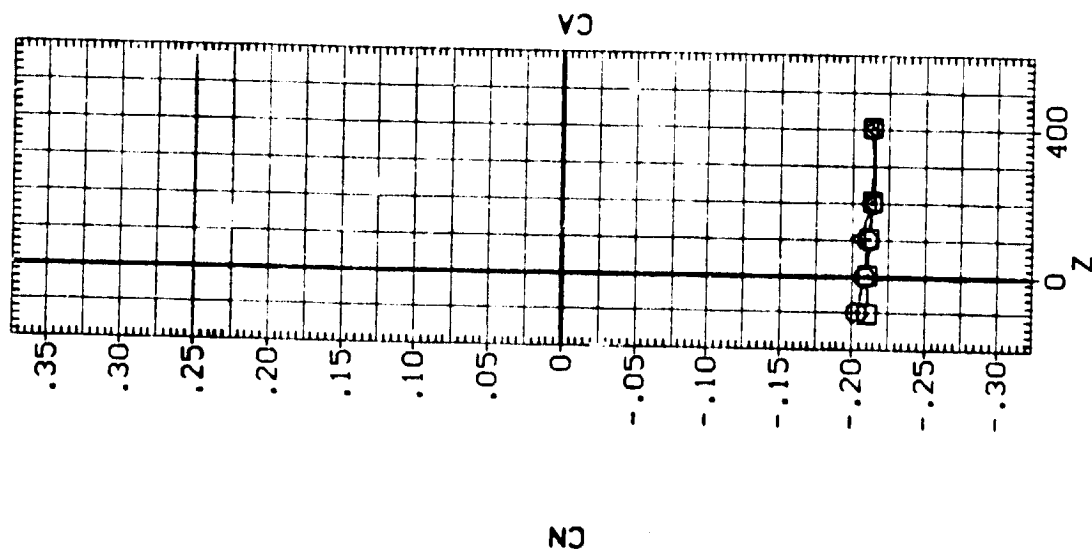


FIG.21 O/ET AERO CHARACT W/RIGHT SRB SEPARATING ( $\alpha = -5.7$ ,  $\beta = 0$ )

(D)Y = 400.00



(RTU059)  
(RTU062)  
(RTU063)

CONFIGURATION	DESCRIPTION
1	...
2	...
3	...
4	...
5	...
6	...
7	...
8	...
9	...
10	...
11	...
12	...
13	...
14	...
15	...
16	...
17	...
18	...
19	...
20	...
21	...
22	...
23	...
24	...
25	...
26	...
27	...
28	...
29	...
30	...
31	...
32	...
33	...
34	...
35	...
36	...
37	...
38	...
39	...
40	...
41	...
42	...
43	...
44	...
45	...
46	...
47	...
48	...
49	...
50	...
51	...
52	...
53	...
54	...
55	...
56	...
57	...
58	...
59	...
60	...
61	...
62	...
63	...
64	...
65	...
66	...
67	...
68	...
69	...
70	...
71	...
72	...
73	...
74	...
75	...
76	...
77	...
78	...
79	...
80	...
81	...
82	...
83	...
84	...
85	...
86	...
87	...
88	...
89	...
90	...
91	...
92	...
93	...
94	...
95	...
96	...
97	...
98	...
99	...
100	...

	MEDC/VA528(	A87)	-OJET	S1	-OR8
	MEDC/VA528(	A97)	-OJET	S1	-OR8
	MEDC/VA528(	A87)	-OJET	S1	-OR8

W R/H SRB SEPAR.  
W R/H SRB SEPAR.  
W R/H SRB SEPAR.

DALPHA

DBETA  
-8.000  
-8.000  
-8.000

$\times$

MACH  
4.520  
4.520  
4.520

REF  
SREF  
LREF  
BREF  
XMRP  
YMRP  
ZMRP  
SCALE

REFERENCE 1  
2690  
1290  
1290  
1097  
450

INFORMATION	SQ. FT.
0000	INCHES
0000	INCHES
0000	IN. XT
0000	IN. YT
0000	IN. ZT

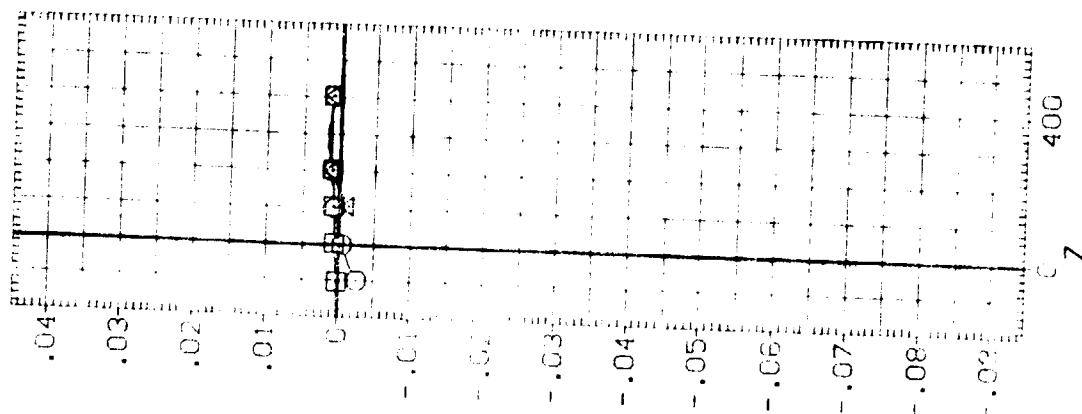
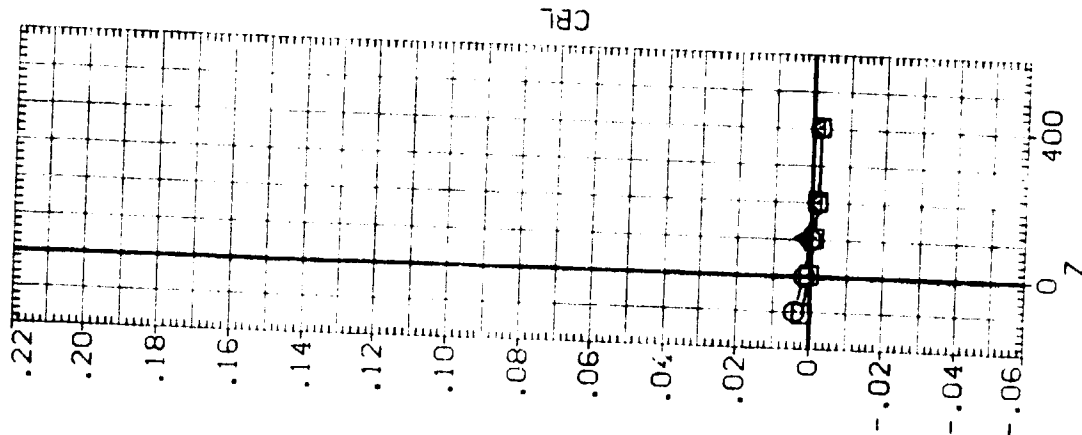
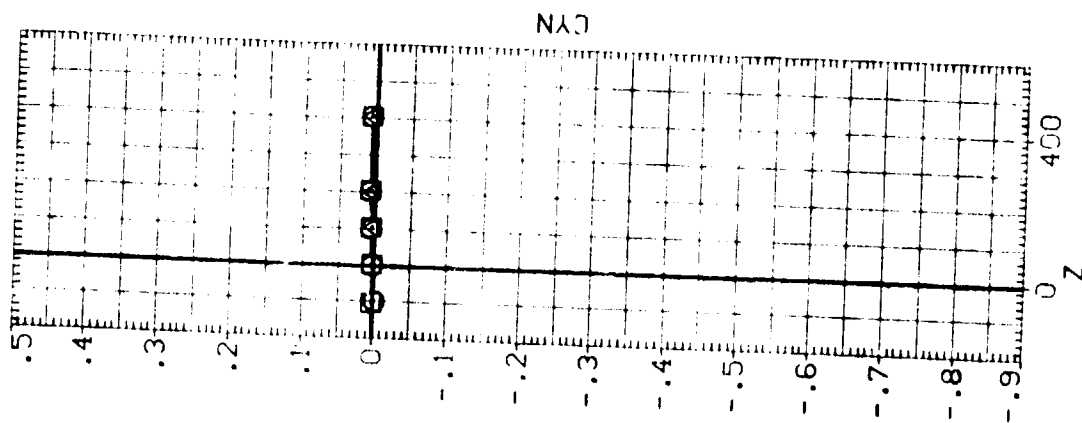


FIG.21 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)  
(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	MACH	REFERENCE INFORMATION
(RTU060)	AEDC/VAS28(1A87)-O1ETIS1-OR8/ET V R/H SRB SEPAR.	4.520	SREF 2690.0000 SO.FT.
(RTU061)	AEDC/VAS28(1A87)-O1ETIS1-OR8/ET V R/H SRB SEPAR.	4.520	LREF 1290.3000 INCHES
(RTU064)	AEDC/VAS28(1A87)-O1ETIS1-OR8/ET V R/H SRB SEPAR.	4.520	BREF 1290.3000 INCHES
			YMRP 1097.0000 IN. YT
			ZMRP 450.0000 IN. ZT
			SCALE .0100

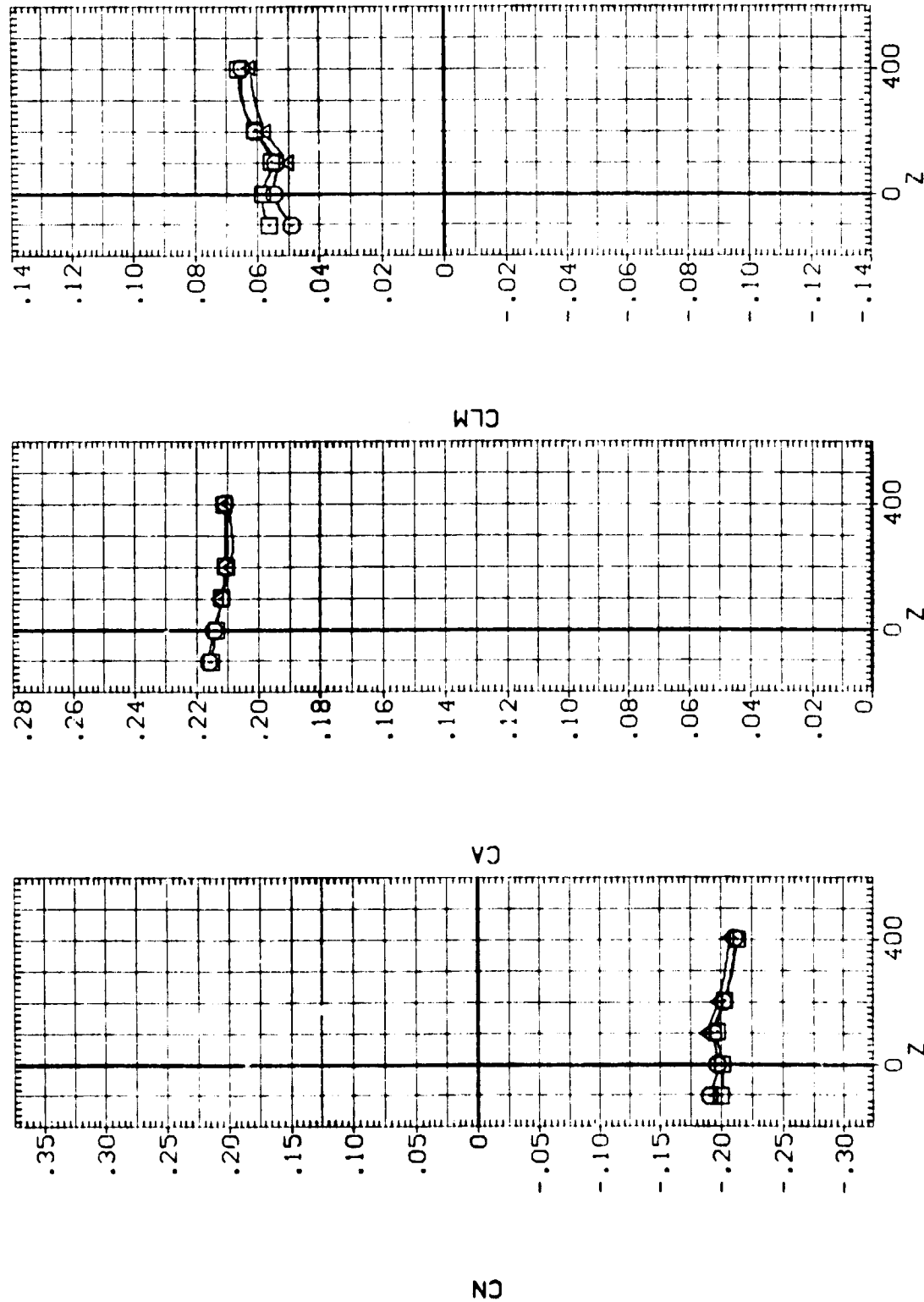


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(C)Y =200.00

# DATA SET SYMBOL

## CONFIGURATION DESCRIPTION

(RTU060)  
(RTU061)  
(RTU064)

AEDC/VAS28(1A87)-01ET/ISI-OR8/ET  
AEDC/VAS28(1A87)-01ET/ISI-OR8/ET  
AEDC/VAS28(1A87)-01ET/ISI-OR8/ET

V R/H SR8 SEPAR.  
V R/H SR8 SEPAR.  
V R/H SR8 SEPAR.

DALPHA  
0.000  
5.000  
-5.000

DBETA  
-8.000  
-8.000  
-8.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

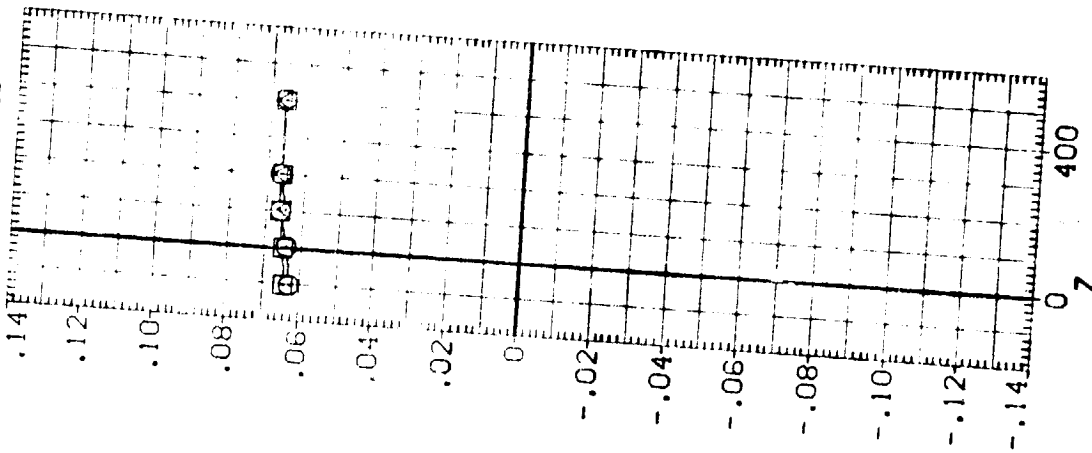
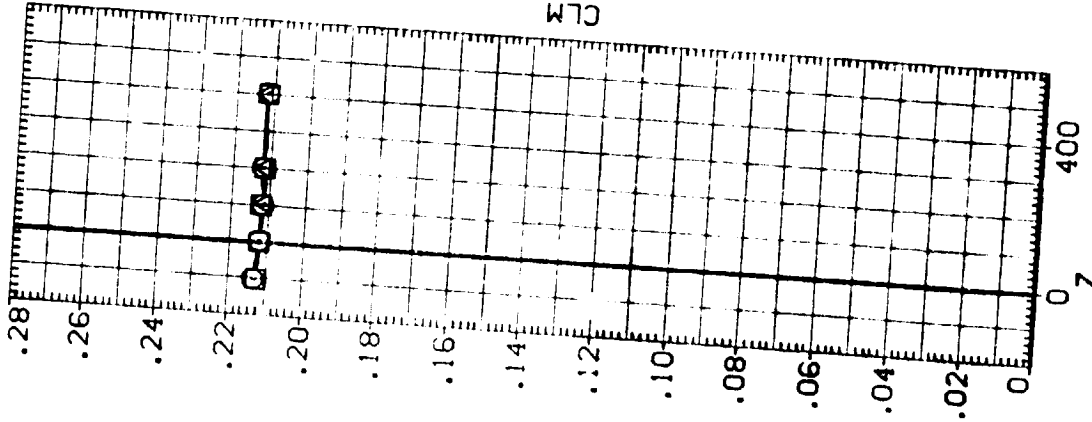
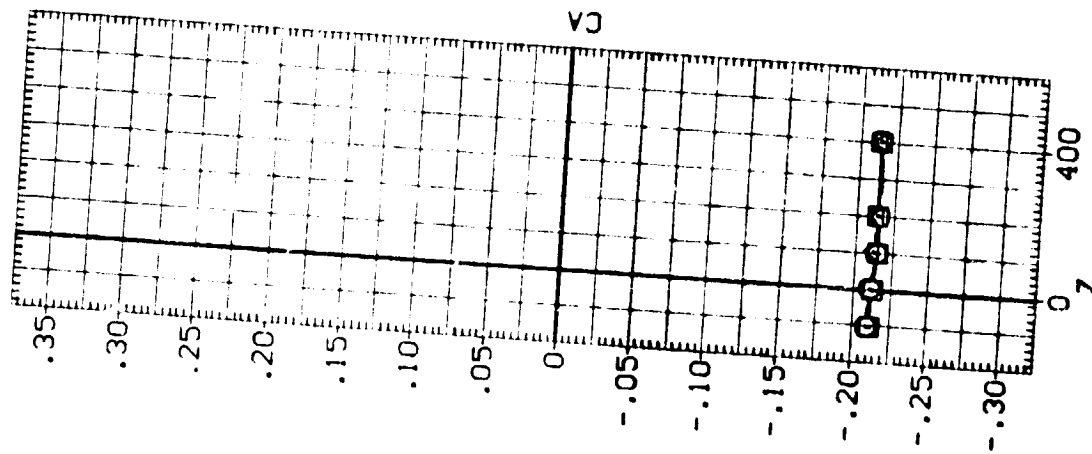


FIG.21 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)  
(O)Y =400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR.	DBETA	X	MACH	REFERENCE INFORMATION
(RTU060)	AEDC/VAS28(1A87)-01ETIS1	SRB SEPAR.	0.00	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU061)	AEDC/VAS28(1A87)-01ETIS1	R/H SRB SEPAR.	5.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU064)	AEDC/VAS28(1A87)-01ETIS1	R/H SRB SEPAR.	-5.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP 0.0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

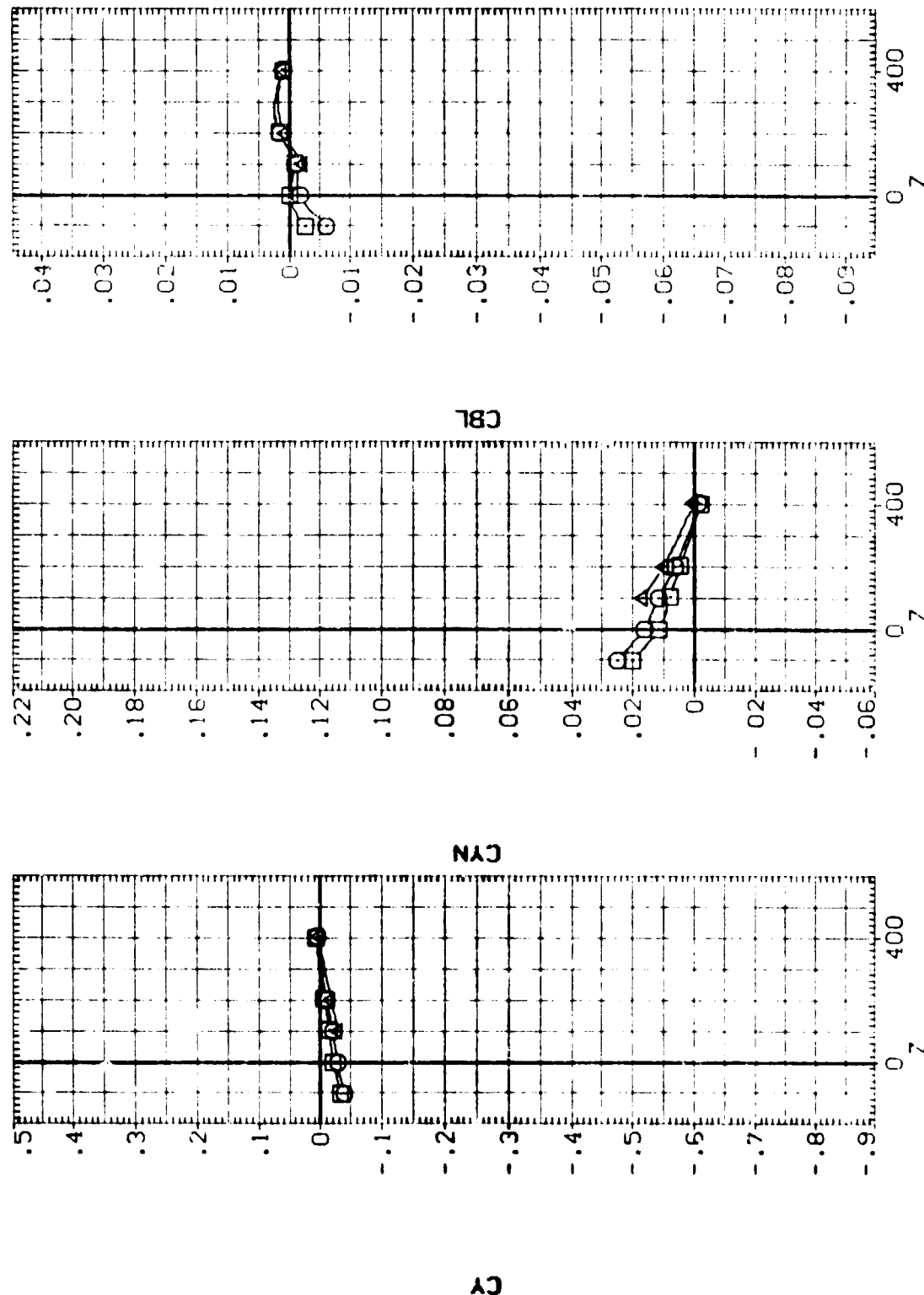


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)



DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(RTU060)    AEDC/VAS28(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.

(RTU061)    AEDC/VAS28(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.

(RTU064)    AEDC/VAS28(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.

DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(RTU060)    AEDC/VAS28(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.

(RTU061)    AEDC/VAS28(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.

(RTU064)    AEDC/VAS28(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.

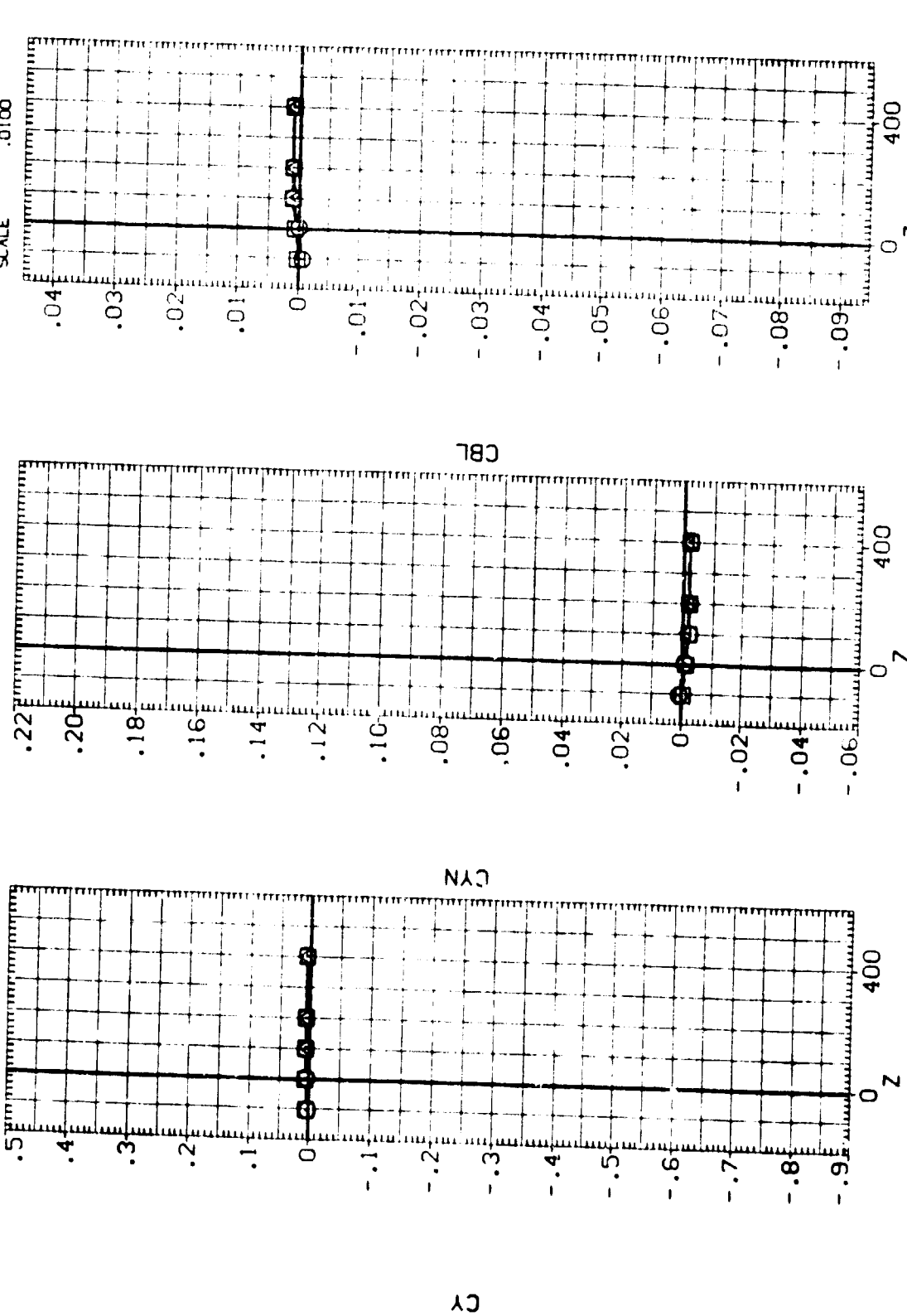


FIG.21 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=0)

(D)Y =400.00

DATE	JET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE INFORMATION
(RTU065)	Q	AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	.000	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU068)	Q	AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	5.000	.000	.000	4.520	LREF 1290.3000 INCHES
(RTU069)	Q	AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	-5.000	.000	.000	4.520	BREF 1290.3000 INCHES
							YMRP 1097.0000 IN. YI
							ZMRP 450.0000 IN. ZI
							SCALE .0100

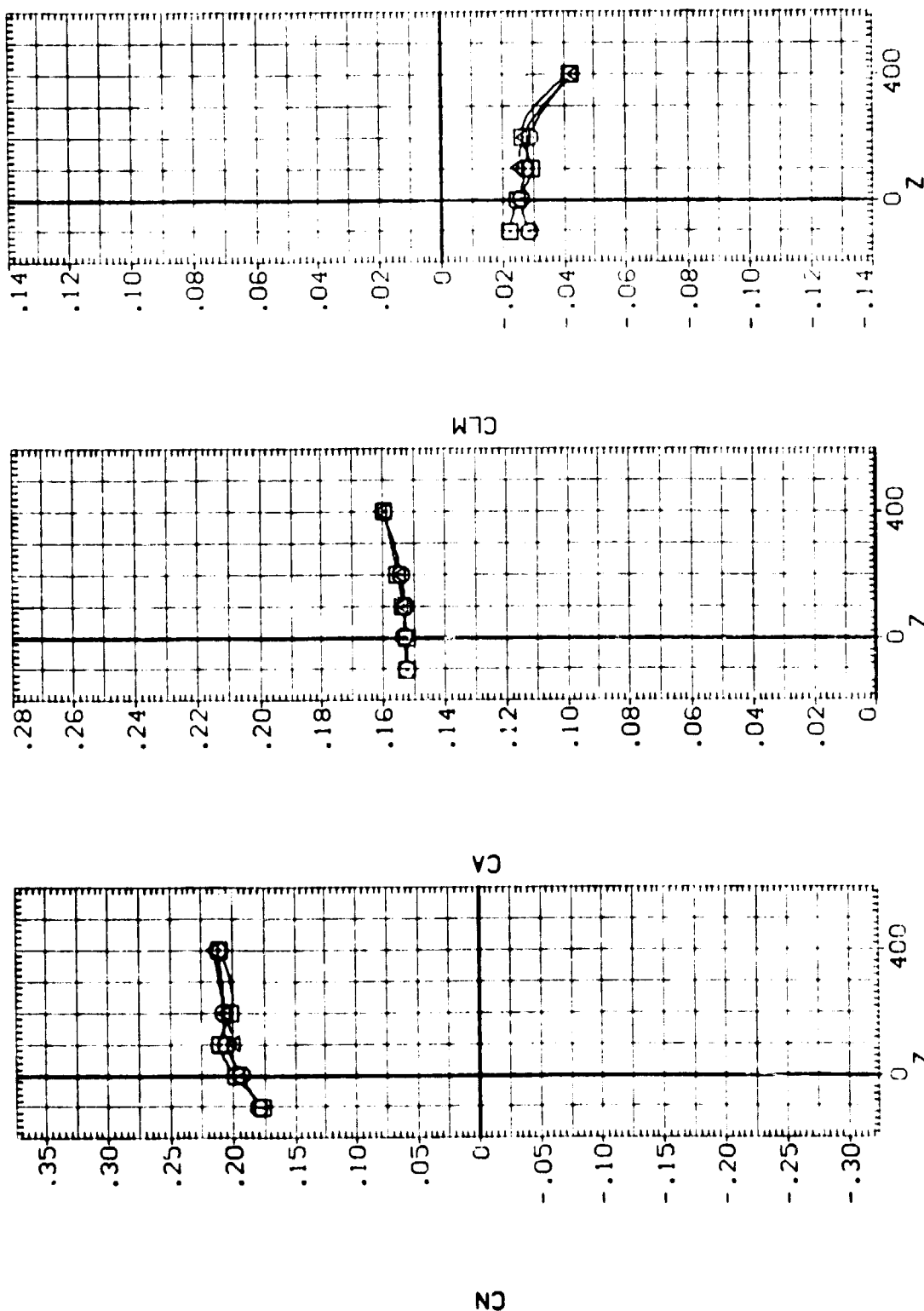


FIG.22 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(A)Y = 10.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU085) AEDC/VAS28(1A87)-01ET1S1-088/ET V R/M SRB SEPAR.  
 (RTU086) AEDC/VAS28(1A87)-01ET1S1-388/ET V R/M SRB SEPAR.  
 (RTU089) AEDC/VAS28(1A87)-01ET1S1-088/ET V R/M SRB SEPAR.

DALPHA .000  
 DBETA .000  
 MACH 4.520  
 X .000  
 Y .000  
 Z .000  
 SCALE .0100

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XPRP 1097.0000 IN. XT  
 YPRP .0000 IN. YT  
 ZPRP 450.0000 IN. ZT

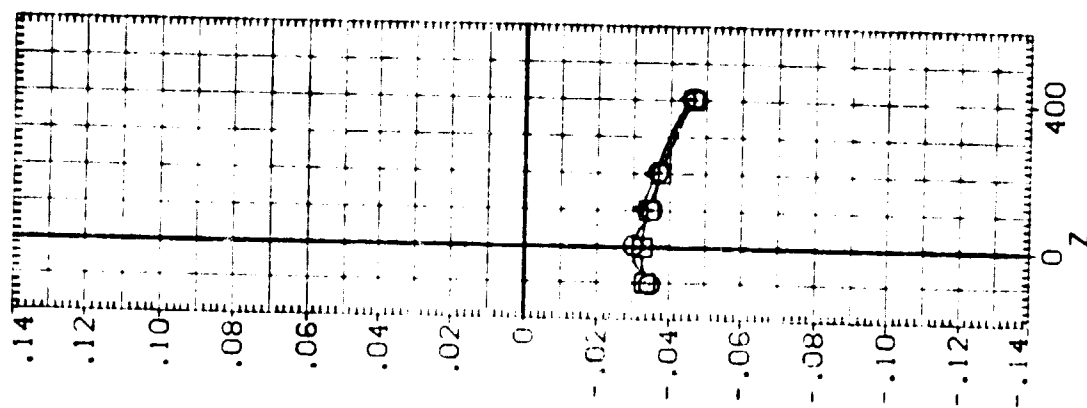
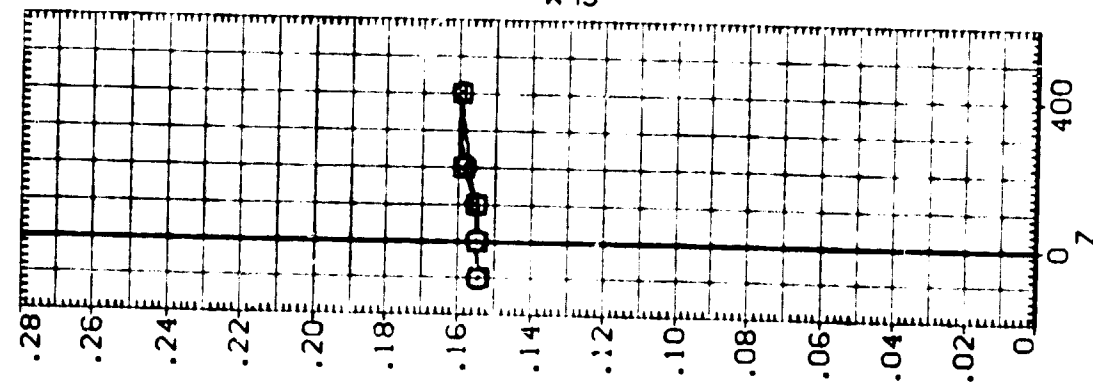
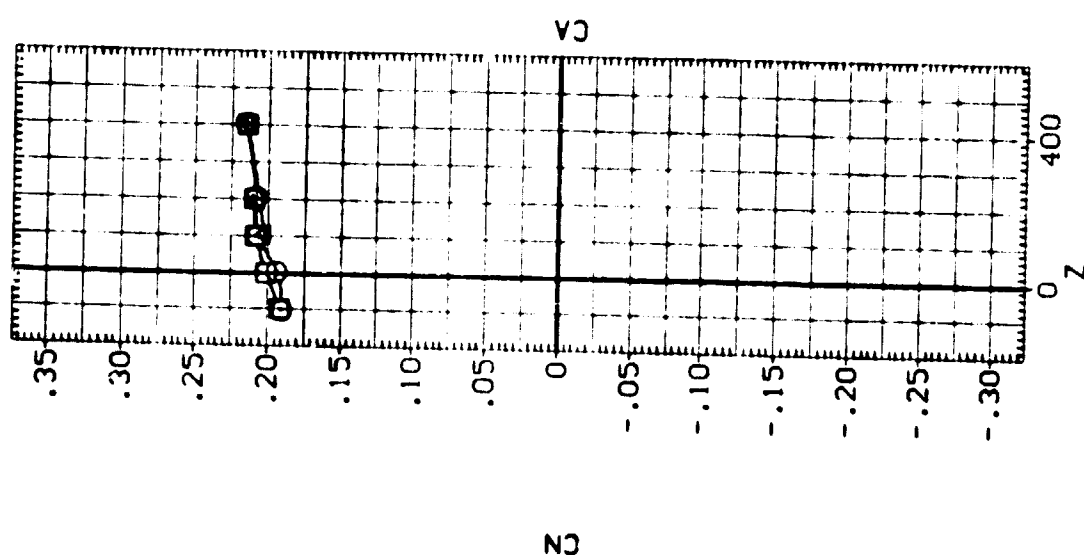


FIG.22 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(B)Y =100.00

DATA SET SYMBOL

(RTU065)  
(RTU068)  
(RTU069)

CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-O1ET1S1-OR8/ET V R/H SR8 SEPAR.  
AEDC/VAS28(1A87)-O1ET1S1-OR8/ET V R/H SR8 SEPAR.  
AEDC/VAS28(1A87)-O1ET1S1-OR8/ET V R/H SR8 SEPAR.

DELPHI

DBETA .000  
.000  
.000

X

.000  
.000  
.000

MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ. FT.  
LREF 250.3000 INCHES  
BREF 250.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

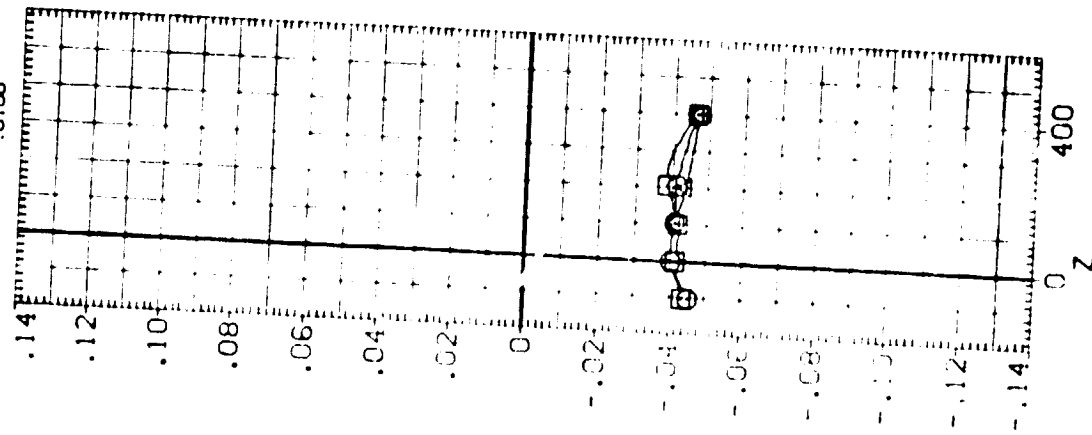
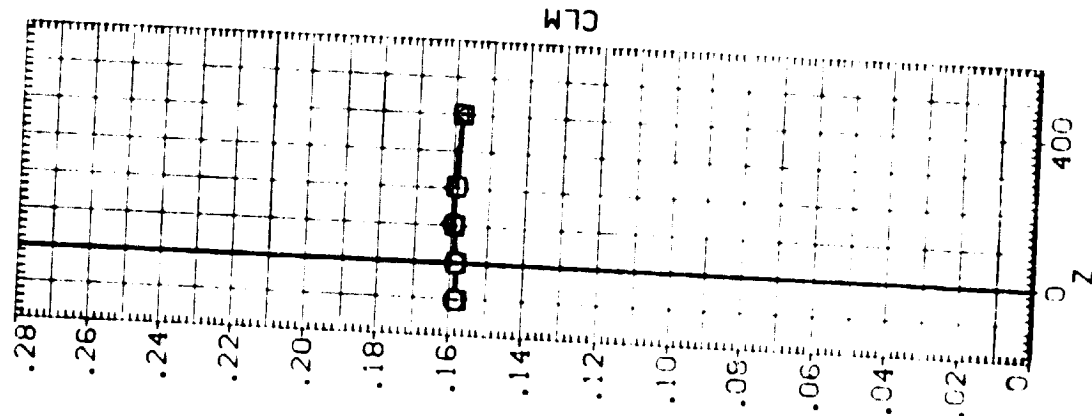
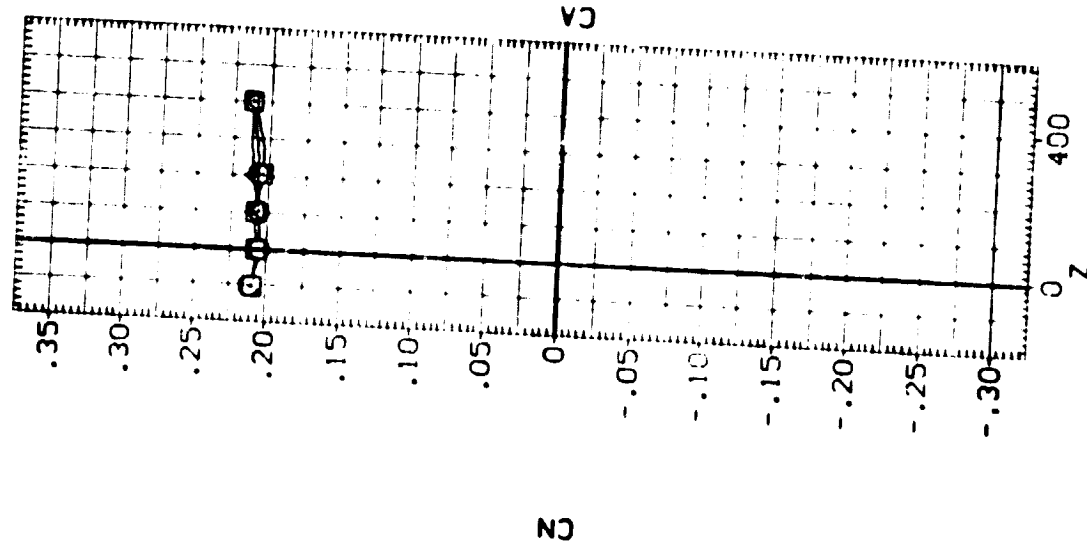


FIG.22 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)  
(C)Y =200.00

(RTU065)  
(RTU068)  
(RTU069)

### CONFIGURATION DESCRIPTION

AEDC/VAS28 (A87) -01ETIS1 -073/ET V R/H S98 SEPAR.  
 AEDC/VAS28 (A87) -01ETIS1 -340/ET V R/H S98 SEPAR.  
 AEDC/VAS28 (A87) -01ETIS1 -1900/ET V R/H C98 CEVAR.

**DALY**

DETA X  
000  
000  
000

888

WA  
4.520  
4.520

REFERENCE INFORMATION	
SREF	2650.0000 SO. FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1097.0000 IN. XT
YMRP	0000 IN. YT
ZMRP	450.0000 IN. ZT
SCALE	.0100

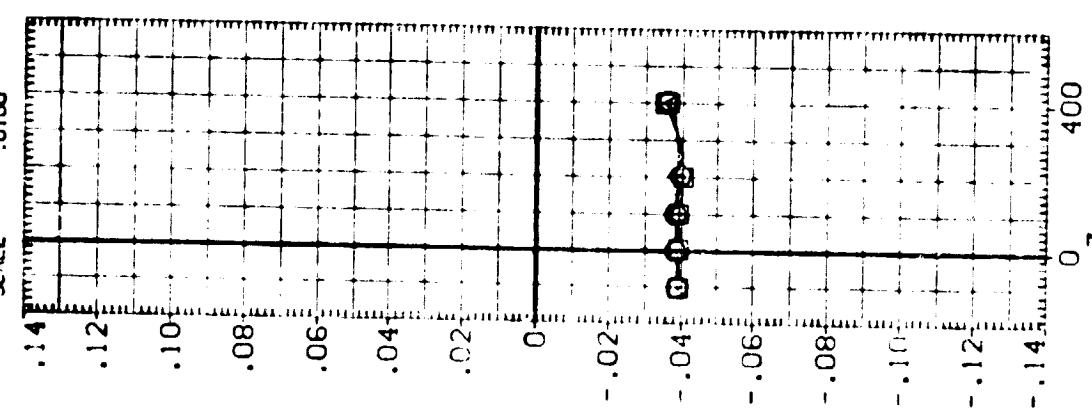
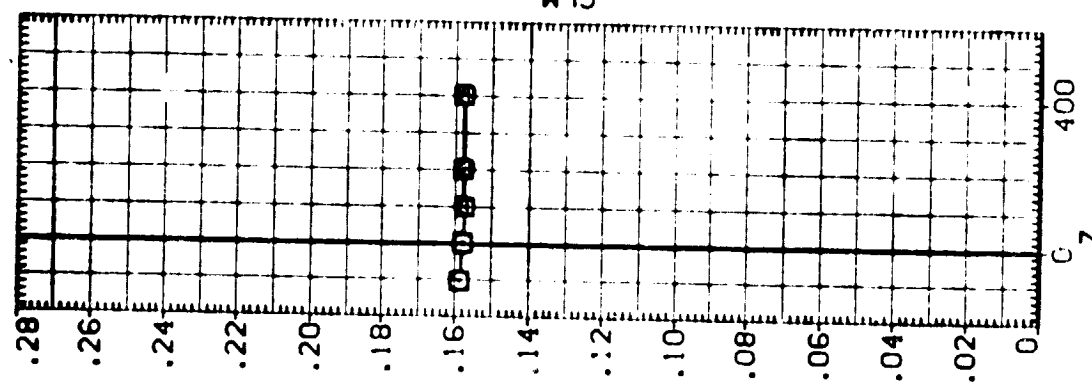
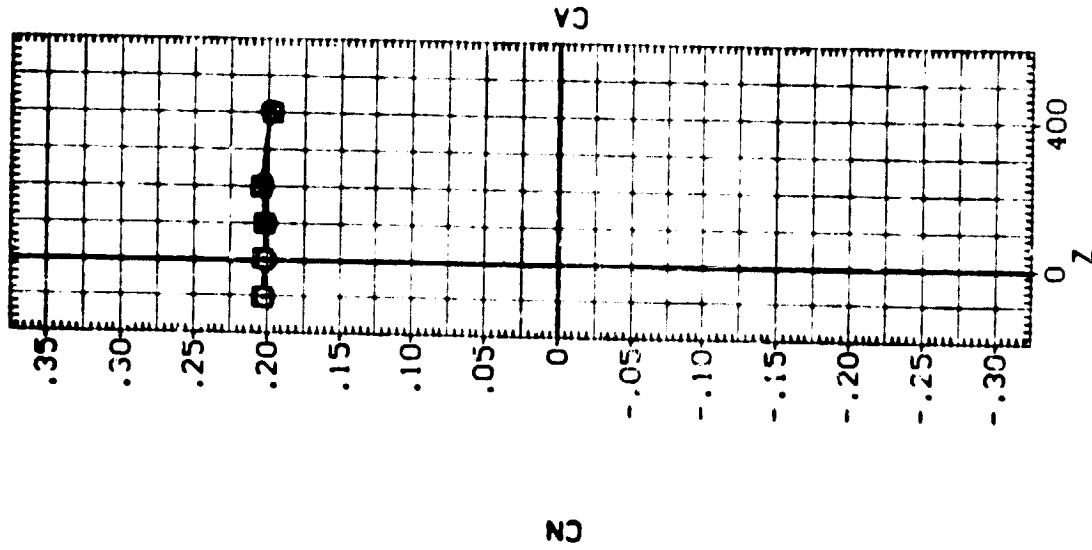


FIG.22 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(D)Y = 400.00

# DATA SET SYMBOL

(RTU065)  
(RTU068)  
(RTU069)

# CONFIGURATION DESCRIPTION

AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

# DALPHA

.000  
5.000  
-5.000

# X

.000  
.000  
.000

# MACH

4.520  
4.520  
4.520

# REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

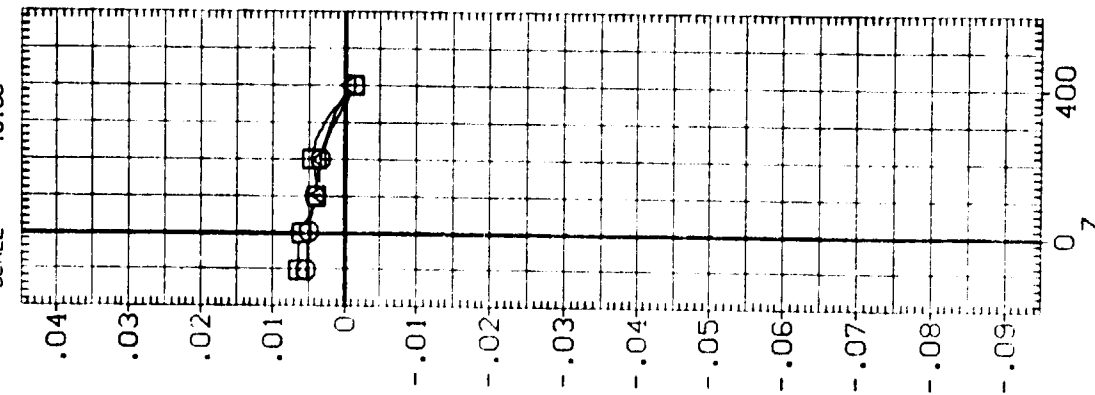
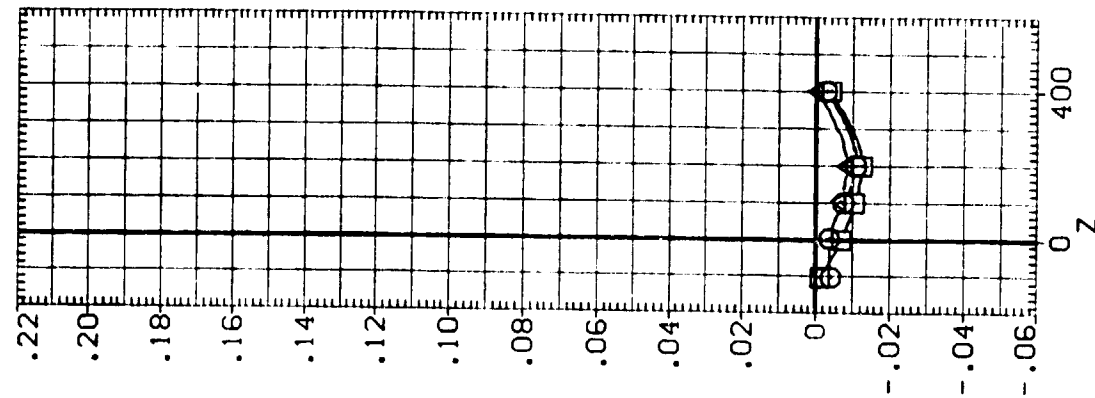
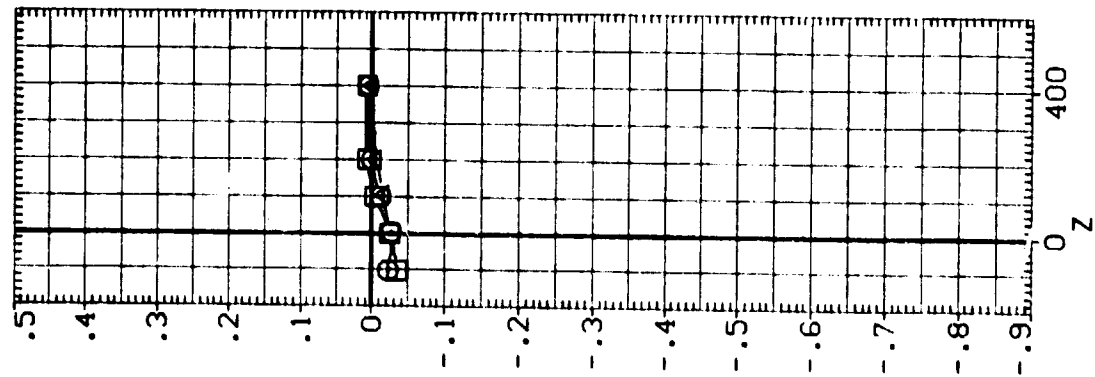


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTUD65) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.  
 (RTUD68) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.  
 (RTUD69) AEDC/VAS28(IAB7)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

MACH X DALPHA DBETA  
 4.520 .000 .000  
 4.520 .000 .000  
 4.520 .000 .000

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

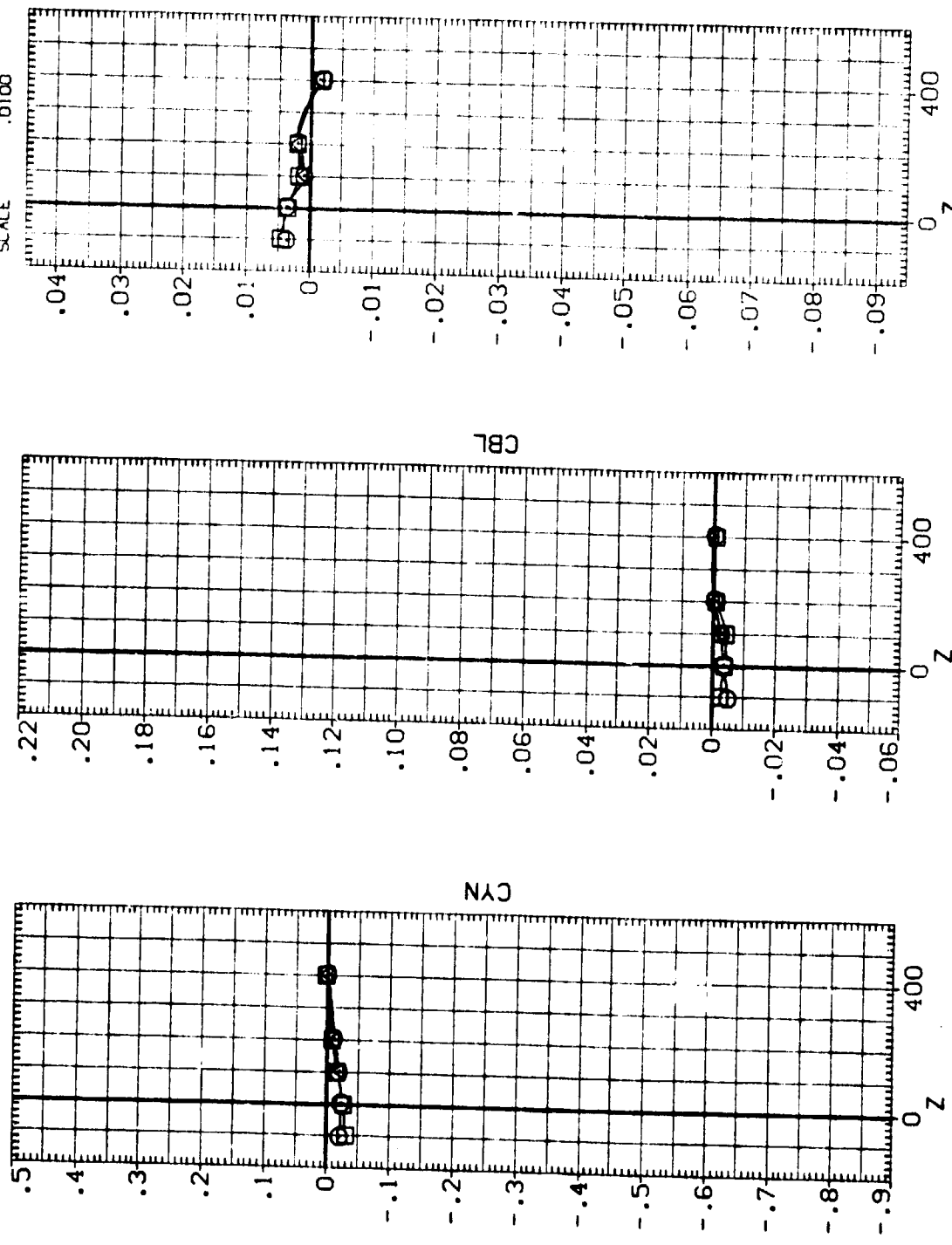


FIG.22 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)  
 (B) Y = 100.00

DATA SET SYMBOL  
(RTU065)  
(RTU068)  
(RTU069)

CONFIGURATION DESCRIPTION  
AEDC/VAS281(A87)-01ETIS1-0RB/ET  
AEDC/VAS281(A87)-01ETIS1-0RB/ET  
AEDC/VAS281(A87)-01ETIS1-0RB/ET

V R/H SRB SEPAR.  
V R/H SRB SEPAR.  
V R/H SRB SEPAR.

ALPHA DBETA

MACH X

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

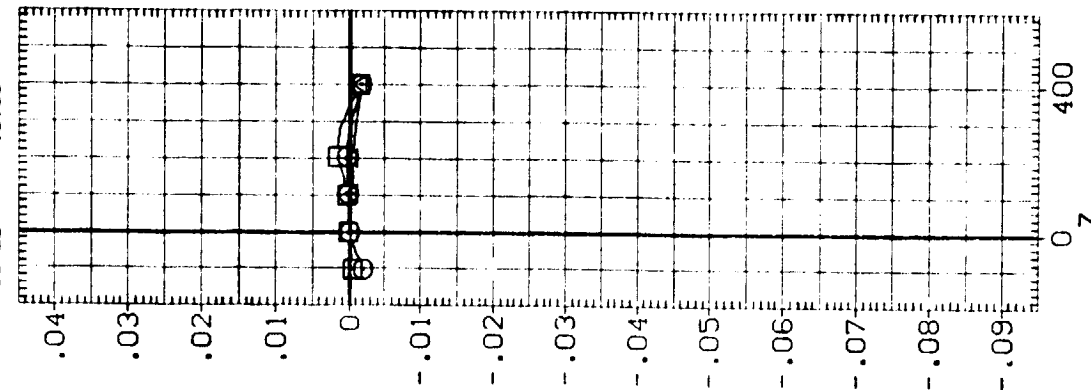
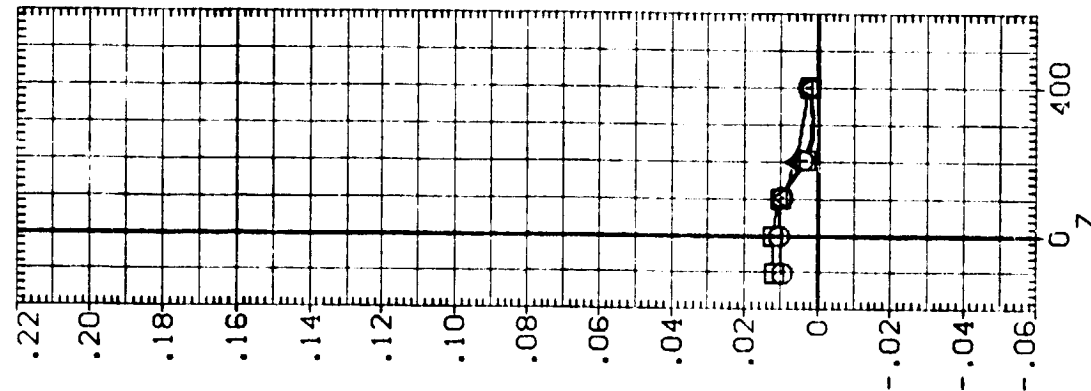
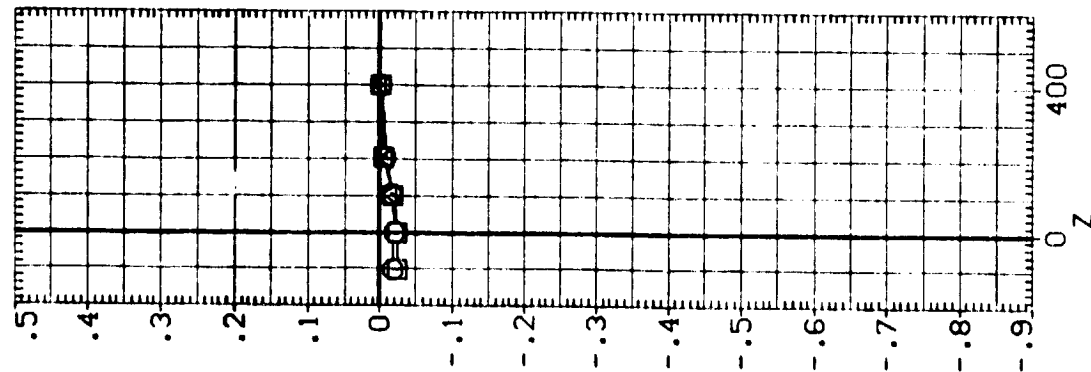


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	MACH	REFERENCE INFORMATION	
(RTU065)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	4.520	SREF	2690.0000 SO.FT.
(RTU068)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	4.520	LREF	1290.3000 INCHES
(RTU069)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	4.520	BREF	1290.3000 INCHES
			YMRP	1097.0000 IN. XT
			ZMRP	450.0000 IN. YT
			SCALE	.0100

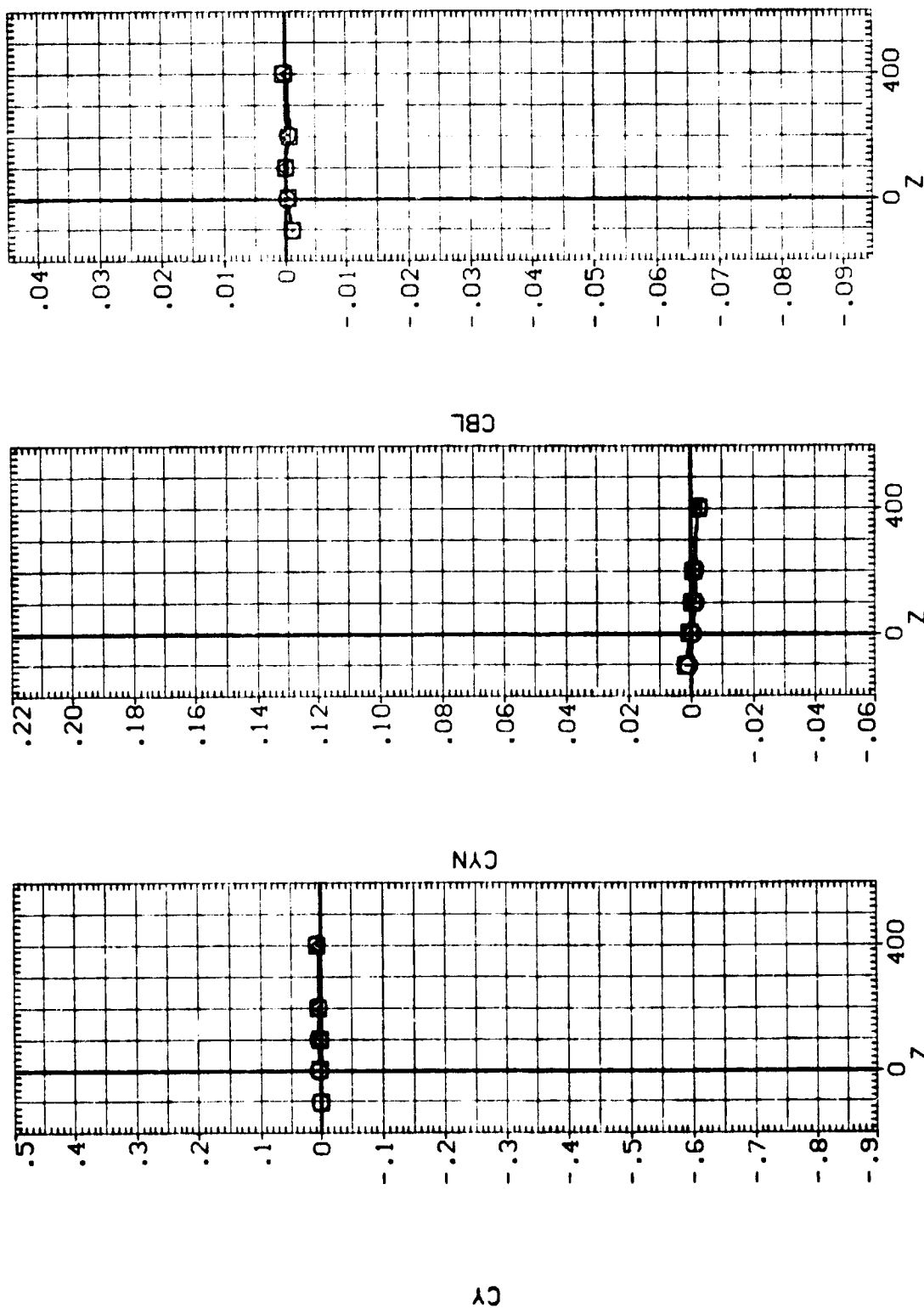


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(D)Y =400.00

DATA SET SYMBOL  
(RTU066)  
(RTU067)  
(RTU070)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(IAB7)-01ETIS1-0RB/ET  
AEDC/VAS28(IAB7)-01ETIS1-0RB/ET  
AEDC/VAS28(IAB7)-01ETIS1-0RB/ET

R/H SRB SEPAR.  
R/H SRB SEPAR.  
R/H SRB SEPAR.

DALPHA  
.000  
5.000  
-5.000

DBETA  
.000  
.000  
.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

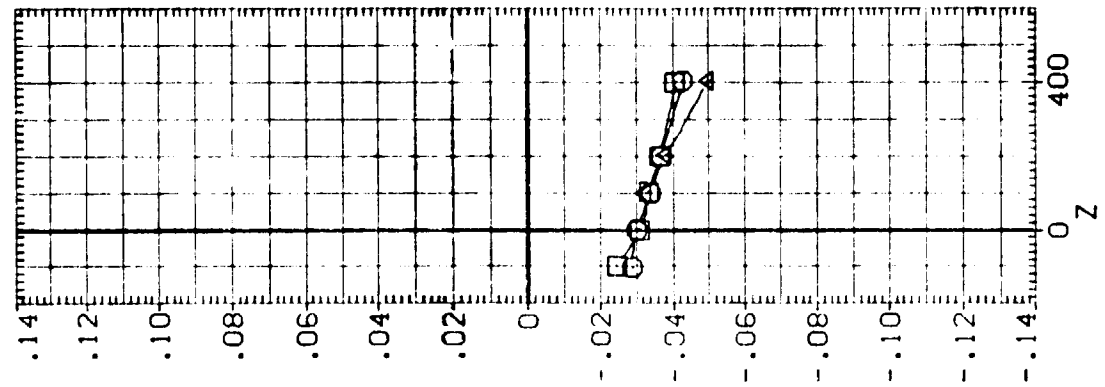
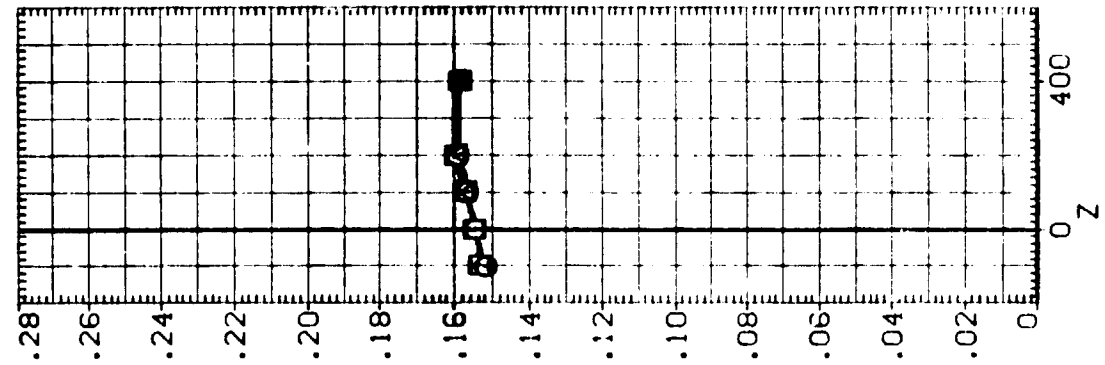
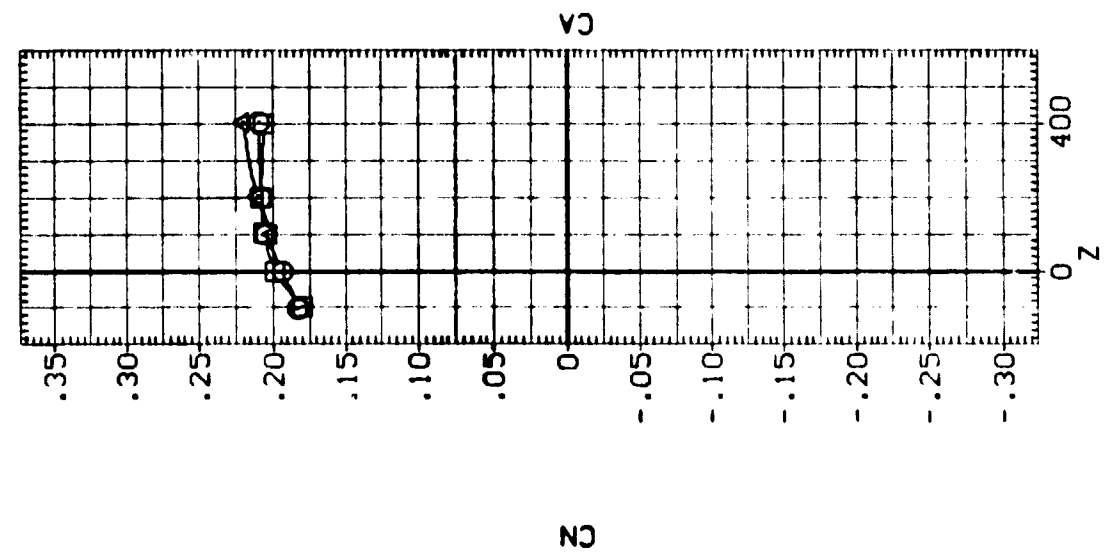


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(A)Y = 10.00

DATA SET SYMBOL: (RTU066) (RTU067) (RTU070)

CONFIGURATION DESCRIPTION: AEDC/VAS28(IAB7)-01ET151-08B/ET V R/H SRB SEPAR. AEDC/VAS28(IAB7)-01ET151-08B/ET V R/H SRB SEPAR. AEDC/VAS28(IAB7)-01ET151-08B/ET V R/H SRB SEPAR.

MACH: 4.520 4.520 4.520

X: 300.000 300.000 300.000

DBETA: .000 .000 .000

DALPHA: .000 5.000 -5.000

REFERENCE INFORMATION: SREF 2690.0000 SQ.FT. LREF 1290.3000 INCHES SREF 1290.3000 INCHES XMRP 1097.0000 IN. XT YMRP .0000 IN. YT ZMRP 450.0000 IN. ZT SCALE .0100

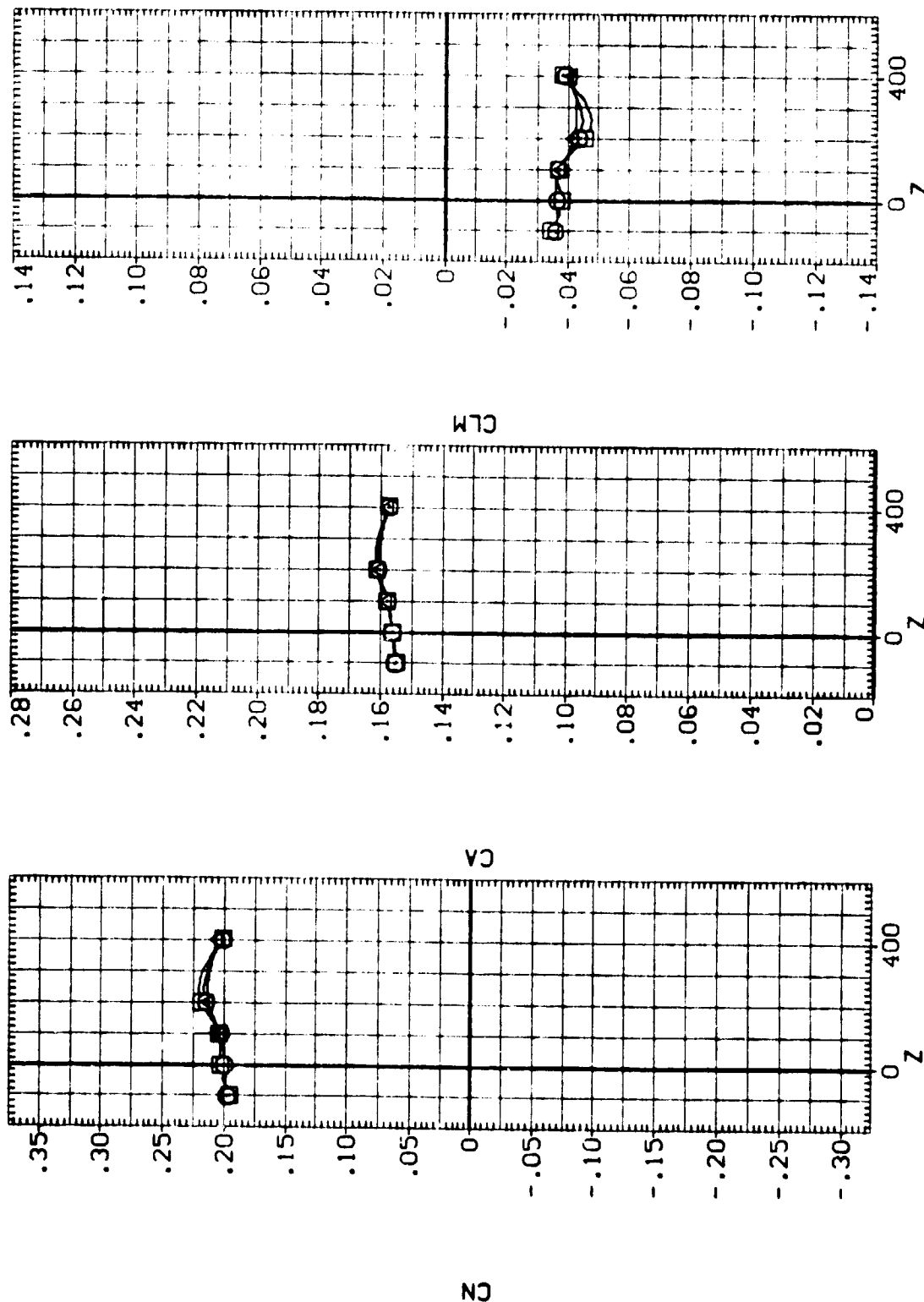


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(B)Y =100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU066)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU067)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	5.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU070)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. XT
						ZMRP 450.0000 IN. YT
						SCALE .0100

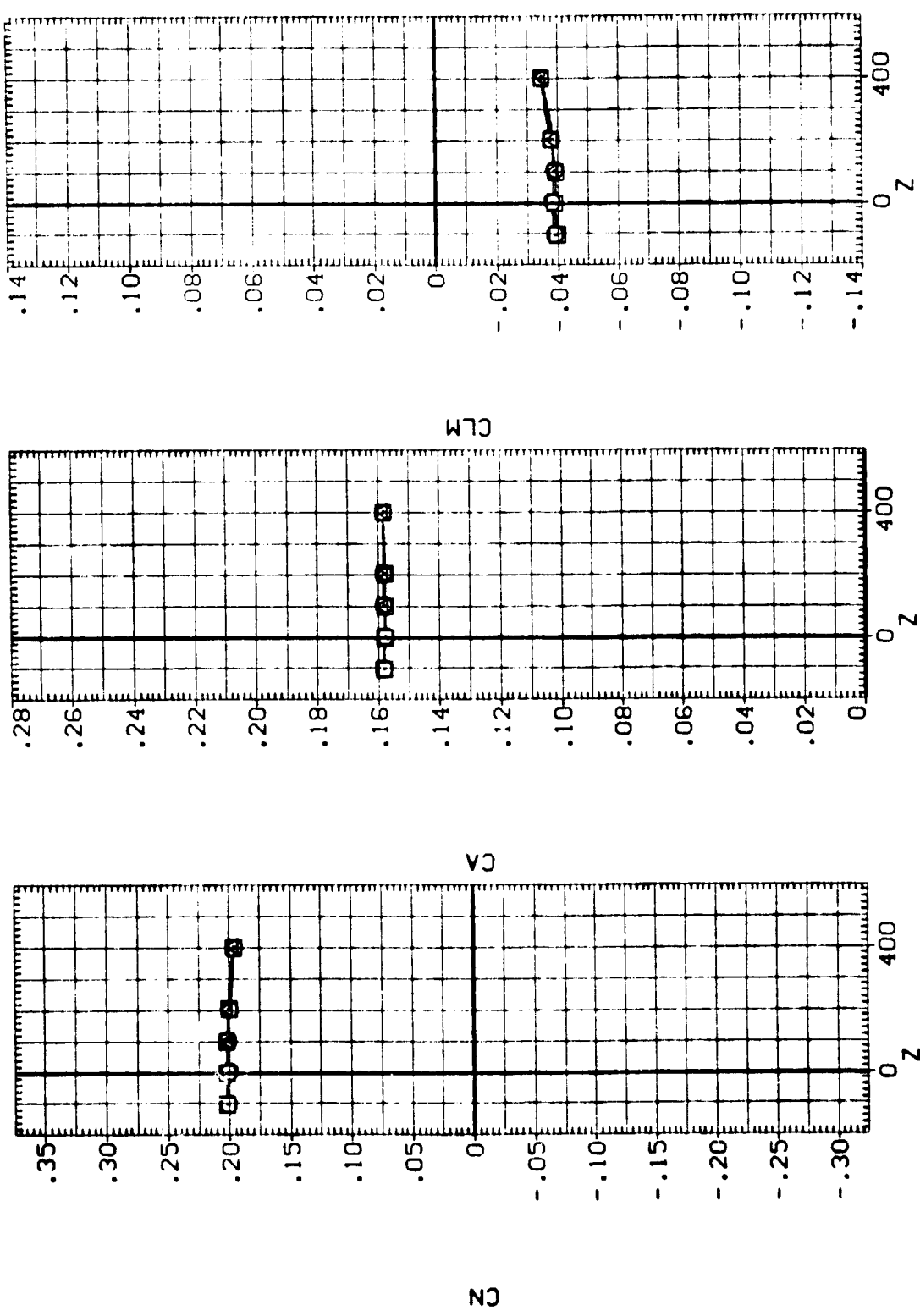


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(D)Y = 400.00

DATA SET SYMBOL	SYMBOL
(RTU066)	
(RTU067)	
(RTU070)	

CONFIGURATION	DESCRIPTION
DC/VA528 (A87)	-O1ETIS1 -OR8
DC/VA528 (A87)	-O1ETIS1 -OR8
DC/VA528 (A87)	-O1ETIS1 -OR8

DALPHA	DBETA	X
.000	.000	300.000
5.000	.000	300.000
-5.000	.000	300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION	
SREF	2690.0000 50. FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1097.0000 IN. XT
YMRP	.0000 IN. YT
ZMRP	450.0000 IN. ZT
SCALE	.0100

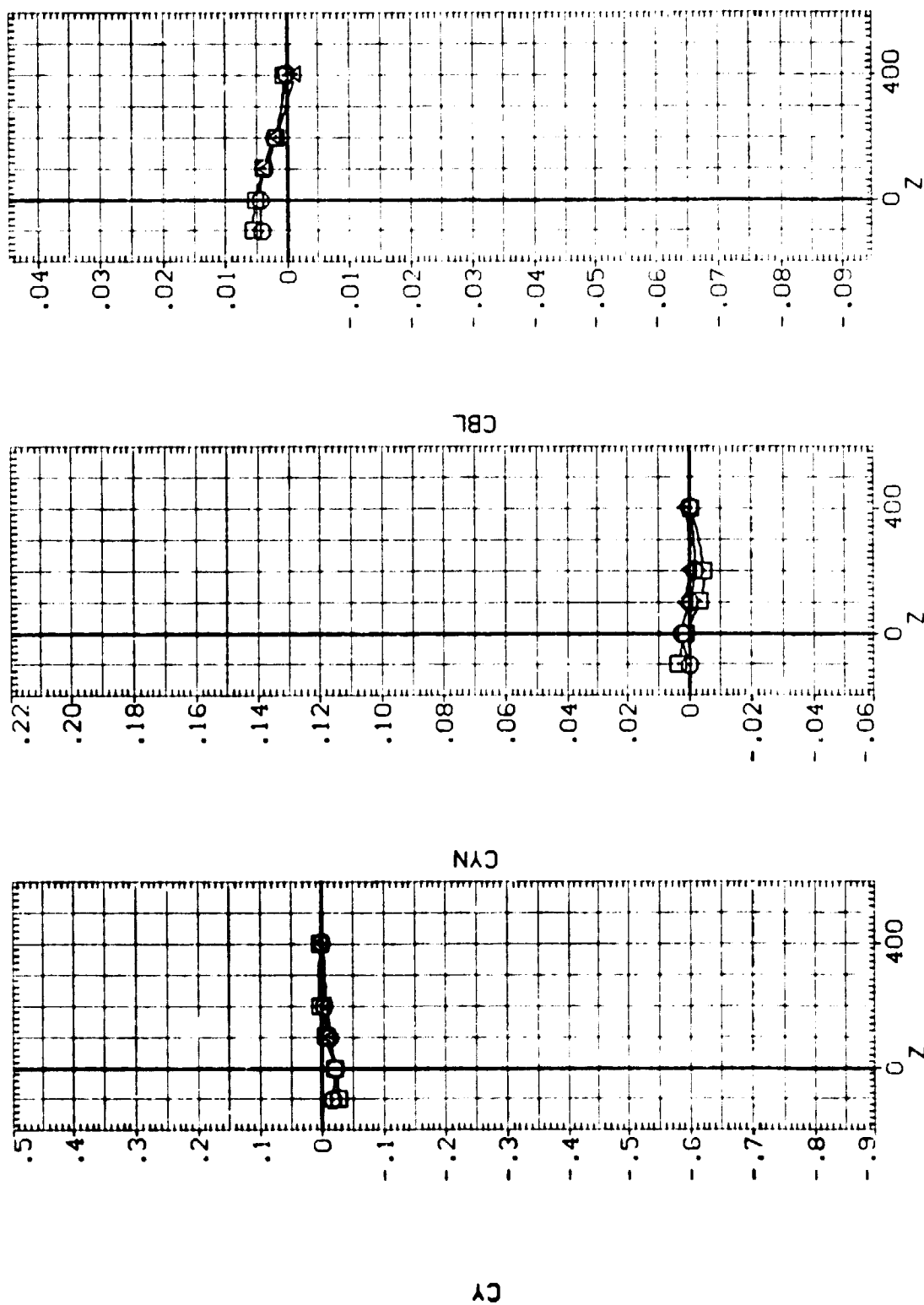


FIG.22 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

= 10.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE INFORMATION
(RTU000)	AEDC/VA528 (A07) -01ET1S1 -000/ET	.000	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU001)	AEDC/VA528 (A07) -01ET1S1 -000/ET	.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU002)	AEDC/VA528 (A07) -01ET1S1 -000/ET	.000	.000	300.000	4.520	BREF 1290.3000 INCHES
(RTU003)	AEDC/VA528 (A07) -01ET1S1 -000/ET	.000	.000	300.000	4.520	XMRP 1097.0000 IN. XT
(RTU004)	AEDC/VA528 (A07) -01ET1S1 -000/ET	.000	.000	300.000	4.520	YMRP .0000 IN. YT
(RTU005)	AEDC/VA528 (A07) -01ET1S1 -000/ET	.000	.000	300.000	4.520	ZMRP 450.0000 IN. ZT
(RTU006)	AEDC/VA528 (A07) -01ET1S1 -000/ET	.000	.000	300.000	4.520	SCALE .0100

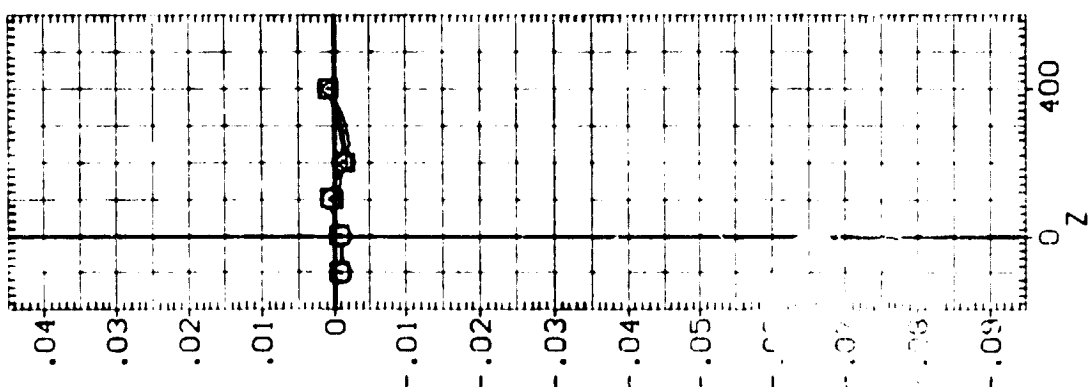
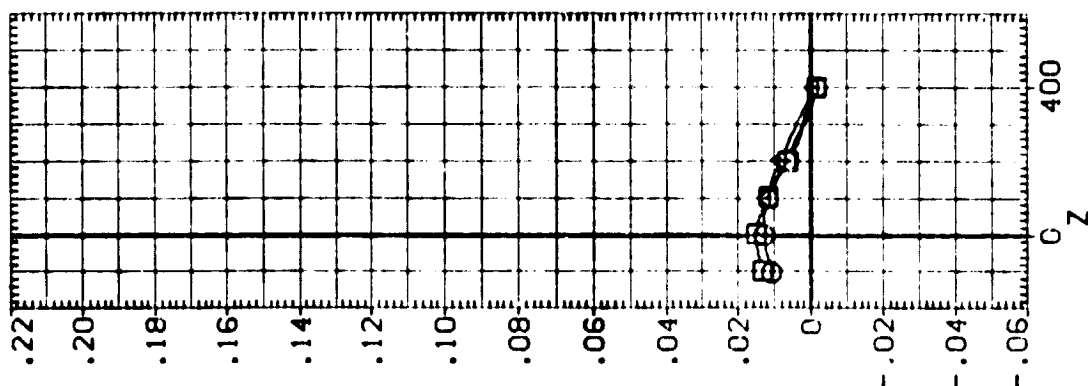
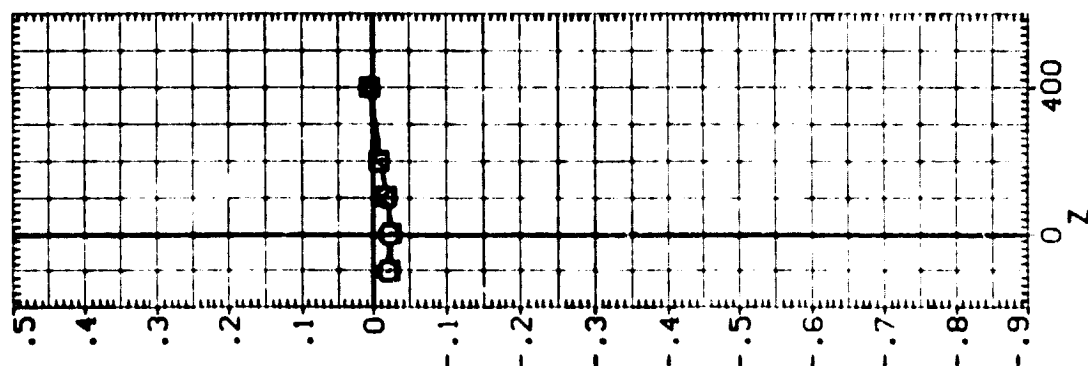


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(C)Y =200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU066) AEDC/VAS281(A87)-Q1ET1S1-QRB/ET V R/N SRB SEPAR.  
 (RTU067) AEDC/VAS281(A87)-Q1ET1S1-QRB/ET V R/N SRB SEPAR.  
 (RTU070) AEDC/VAS281(A87)-Q1ET1S1-QRB/ET V R/N SRB SEPAR.

ALPHA .000  
 .5.000  
 -5.000

BETA .000  
 .000  
 .000

X 300.000  
 300.000  
 300.000

MACH 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

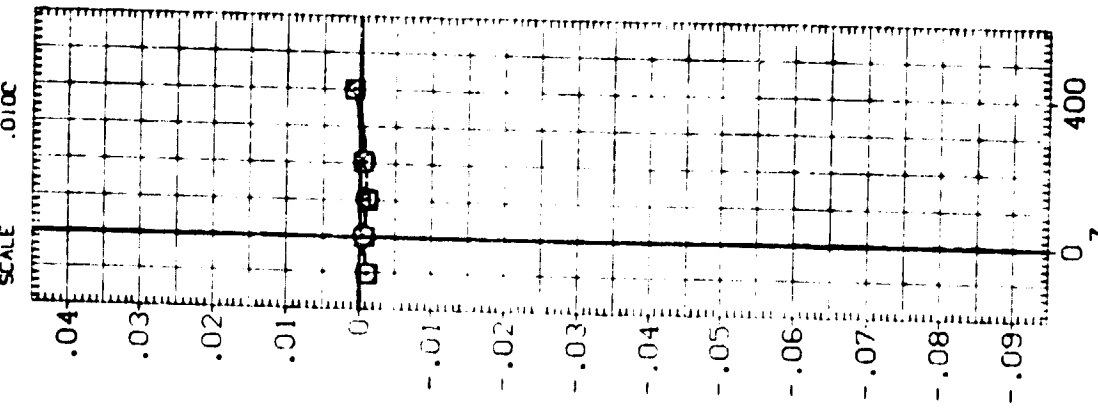
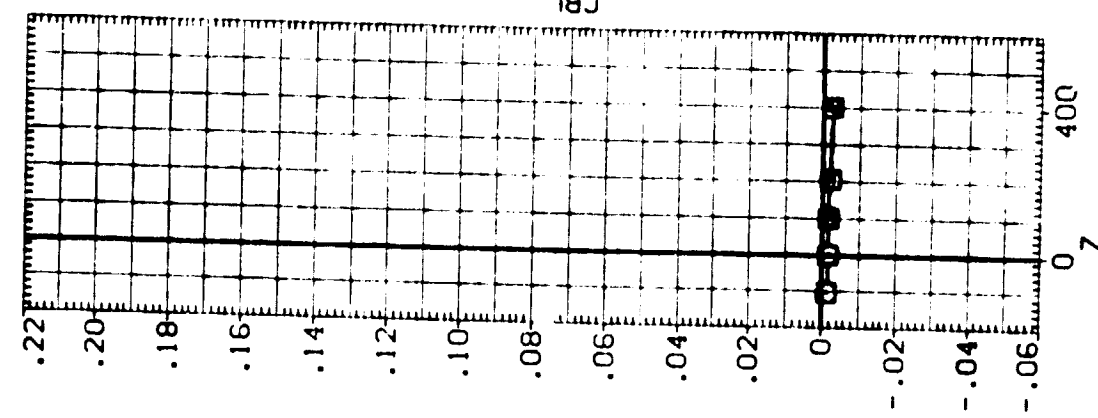
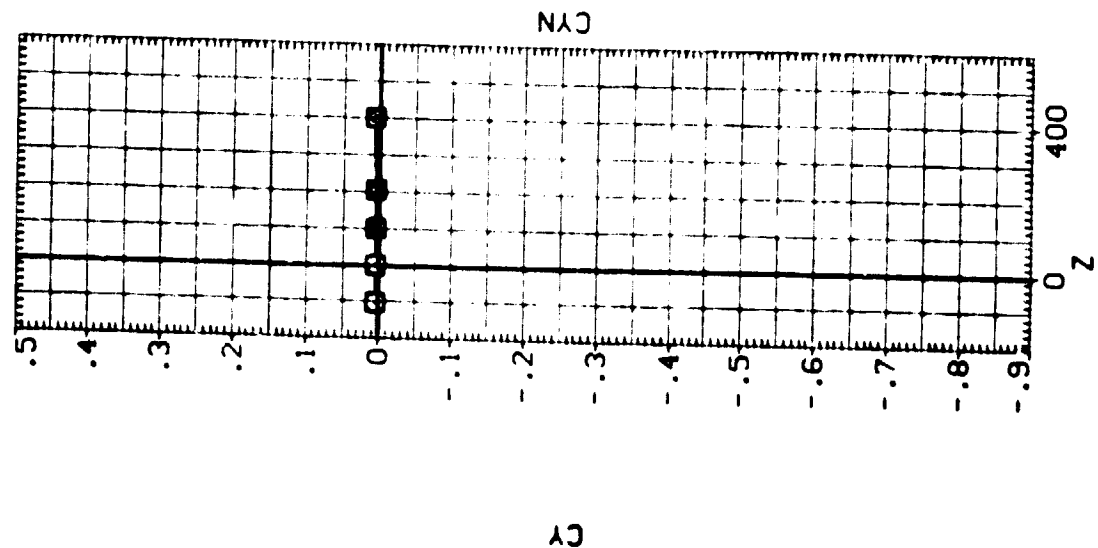
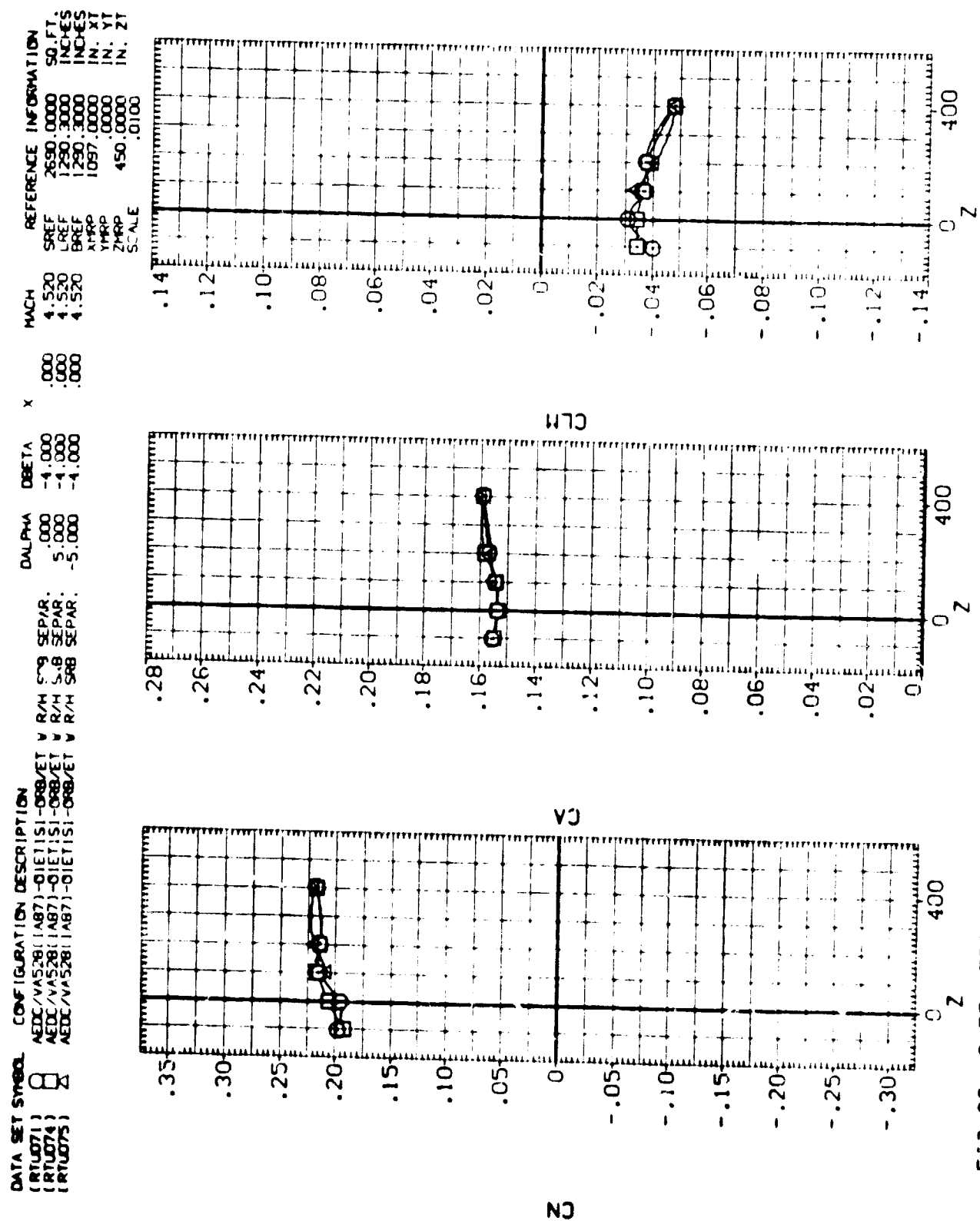


FIG.22 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)  
 (C)Y =400.00



# DATA SET SYMBOL

(RTU071)  
(RTU074)  
(RTU075)

# CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

# DALPHA

.000  
-4.000  
-4.000

# DBETA

.000  
.000  
.000

# MACH

4.520  
4.520  
4.520

# REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
ZMRP .0000 IN. YT  
SCALE 450.0000 IN. ZT  
.0100

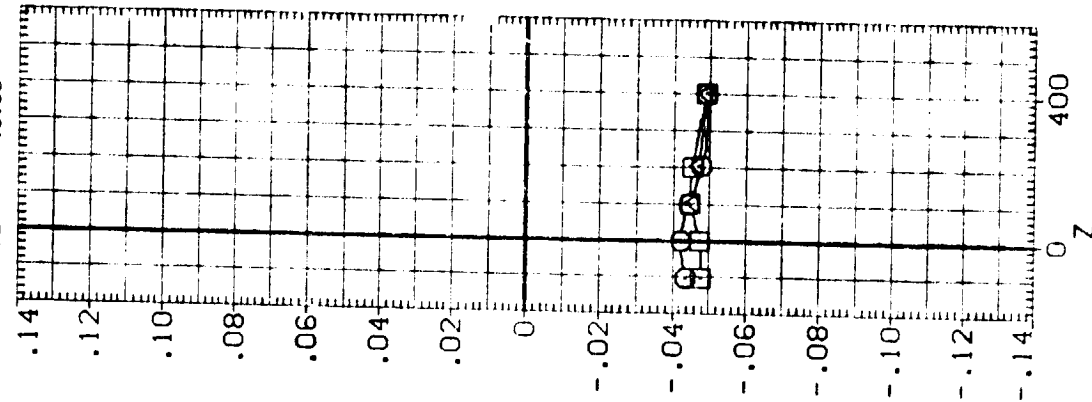
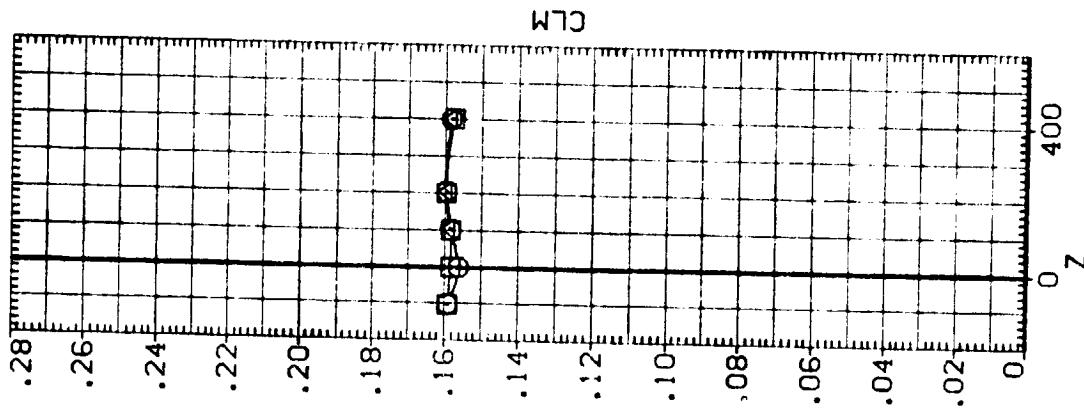
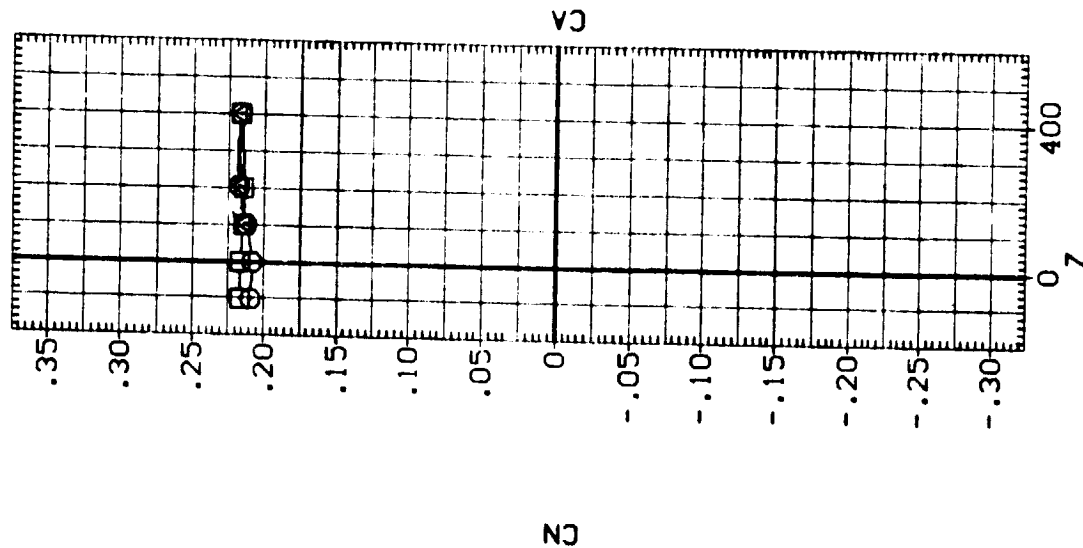


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	DBETA	X	MACH	REFERENCE INFORMATION
(RTU071)	AEDC/VAS28(1A87)-01ETIS1-0RB/ET	R/H SRB SEPAR.	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU074)	AEDC/VAS28(1A87)-01ETIS1-0RB/ET	R/H SRB SEPAR.	5.000	.000	4.520	LREF 1290.3000 INCHES
(RTU075)	AEDC/VAS28(1A87)-01ETIS1-0RB/ET	R/H SRB SEPAR.	-5.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

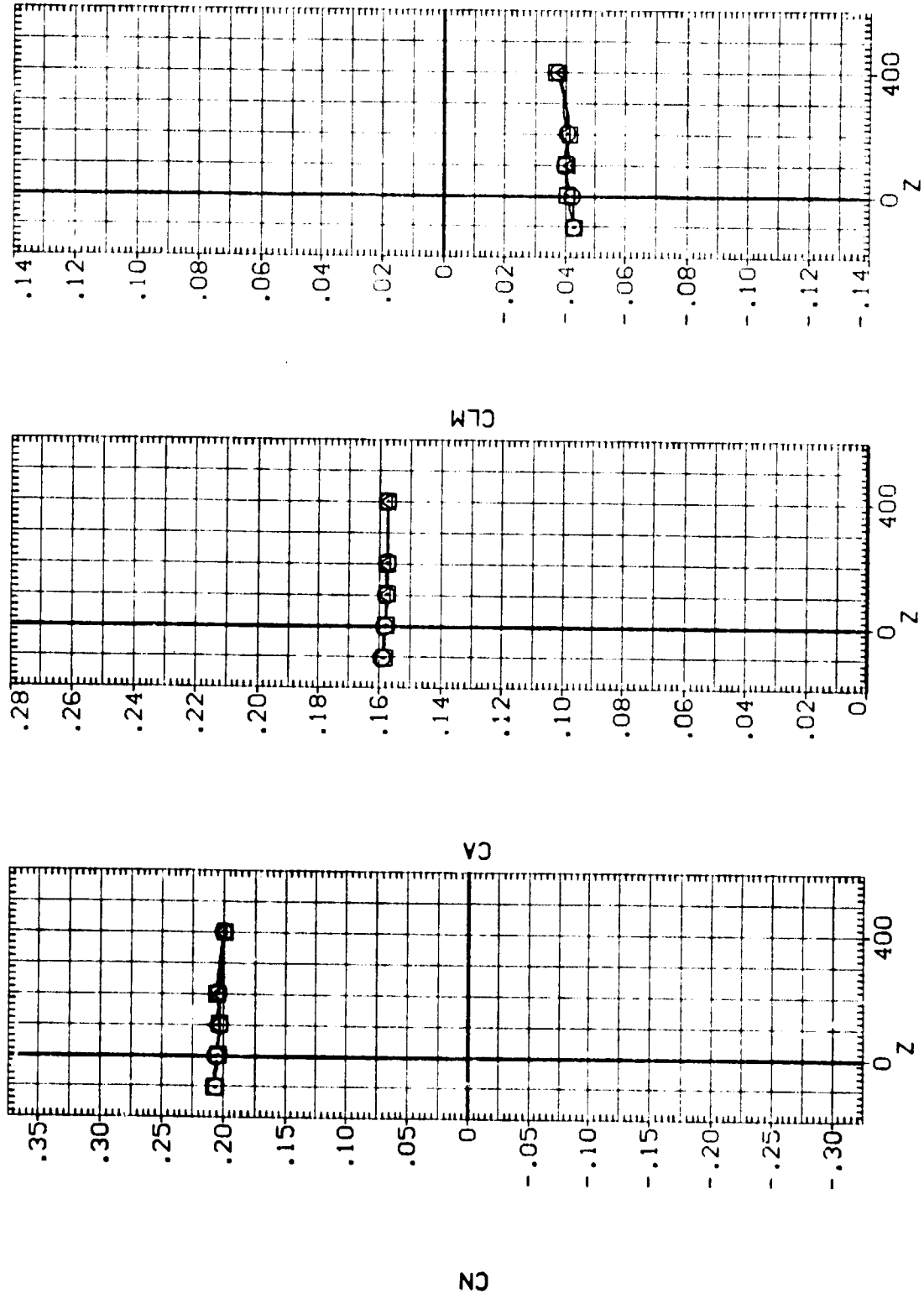


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(D)Y =400.00

DATA SET SYMBOL: (RTU071) (RTU074) (RTU075)

CONFIGURATION DESCRIPTION: AEDC/VAS28(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR. AEDC/VAS28(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR. AEDC/VAS28(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION: SREF 2650.0000 SQ.FT. LREF 1250.3000 INCHES BREF 1250.3000 INCHES XMRP 1037.0000 IN. XT YMRP .0000 IN. YT ZMRP 450.0000 IN. ZT SCALE .0100

MACH: 4.520 .000 4.520 .000 4.520 .000

DALPHA: .000 -4.000 .000 -4.000 -5.000 -4.000

DBETA: .000 .000 .000 .000 .000 .000

X: .000 .000 .000 .000 .000 .000

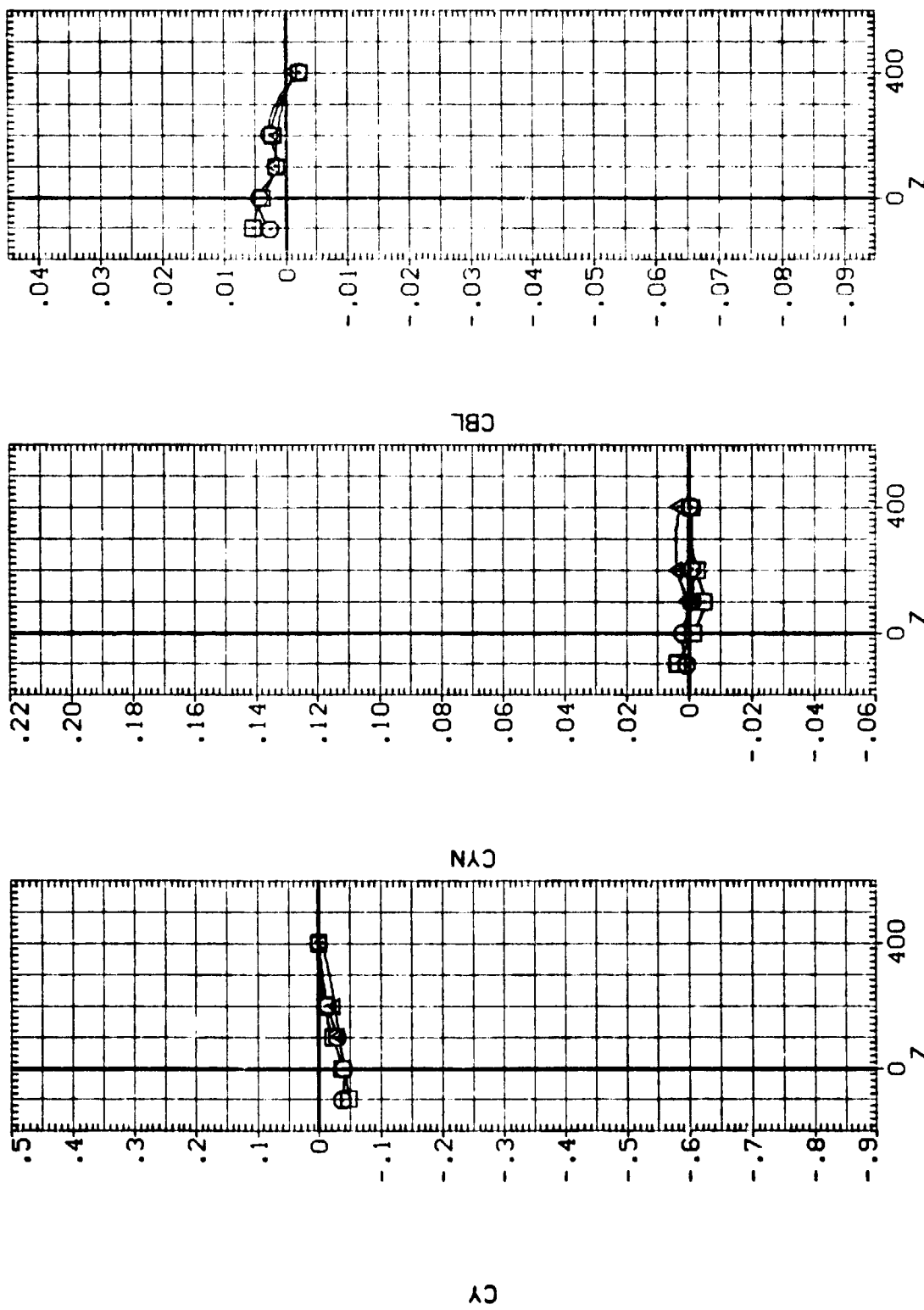


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(B)Y =100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR.	DBETA	X	MACH	REFERENCE INFORMATION
(RTU071)	AEDC/VAS28(1A87)-01ETISI-0RB/ET	V R/H	.000	.000	4.520	SRF 2690.0000 SO.FT.
(RTU074)	AEDC/VAS28(1A87)-01ETISI-0RB/ET	V R/H	5.000	.000	4.520	LREF 1290.3000 INCHES
(RTU075)	AEDC/VAS28(1A87)-01ETISI-0RB/ET	V R/H	-5.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

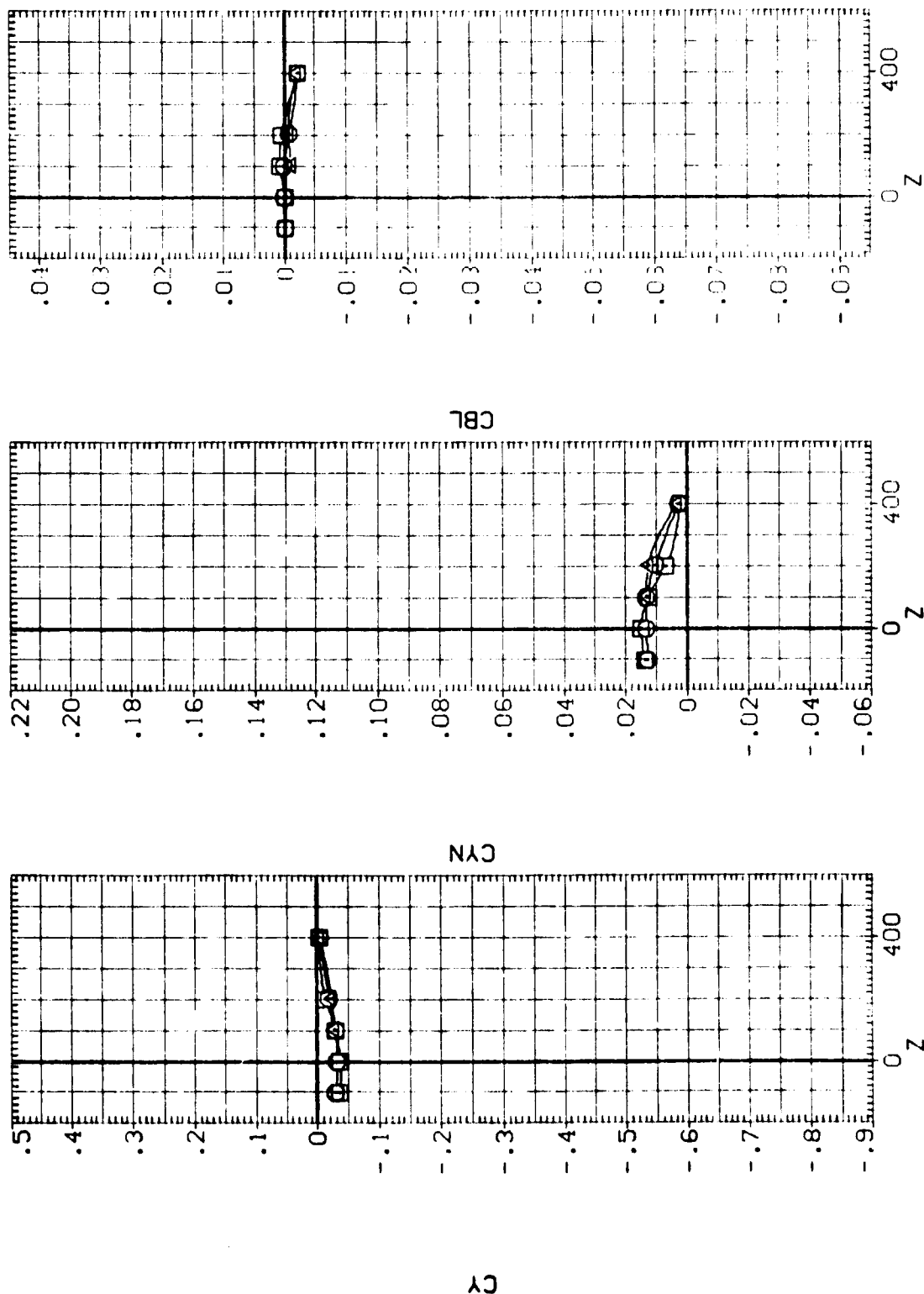


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(CY) =200.00

DATA SET SYMBOL: (RTU071) (RTU074) (RTU075)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

DATA SET SYMBOL: (RTU071) (RTU074) (RTU075)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

DATA SET SYMBOL: (RTU071) (RTU074) (RTU075)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

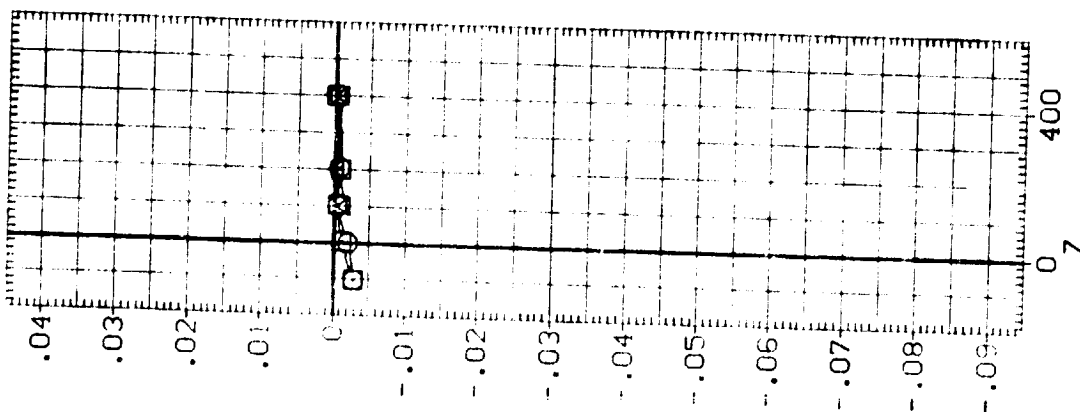
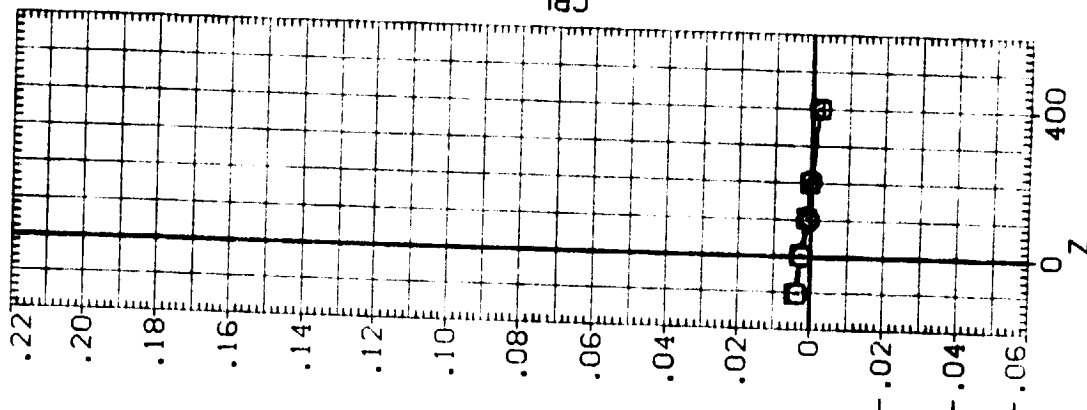
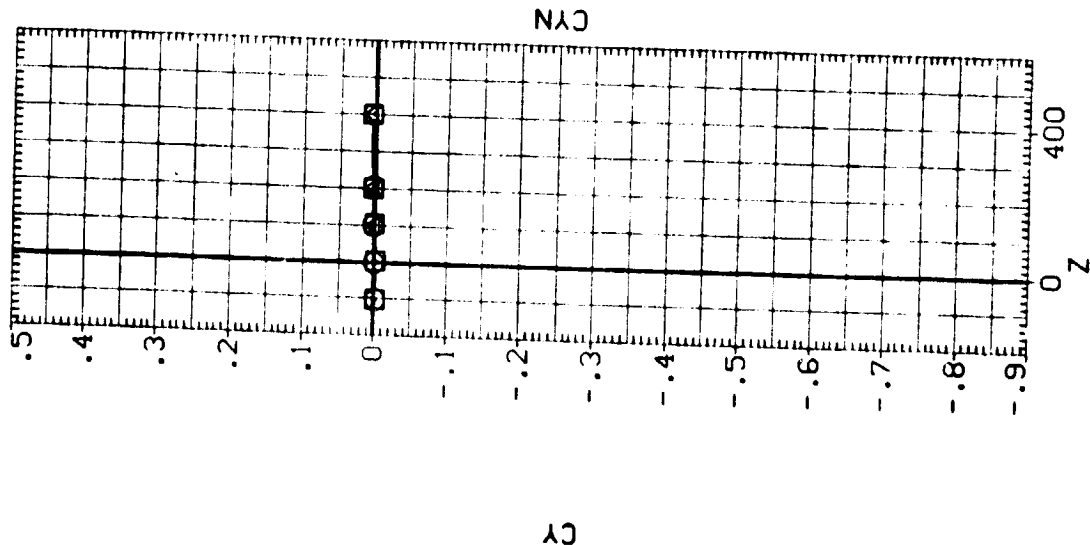


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(0)Y =400.00

DATA SET SYMBOL: (RTU072) (RTU073) (RTU076)

CONFIGURATION DESCRIPTION:  
 AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.  
 AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.  
 AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.

REFERENCE INFORMATION:  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

MACH 4.520  
 X 300.000  
 DBETA -4.000  
 DALPHA .000  
 5.000  
 -5.000

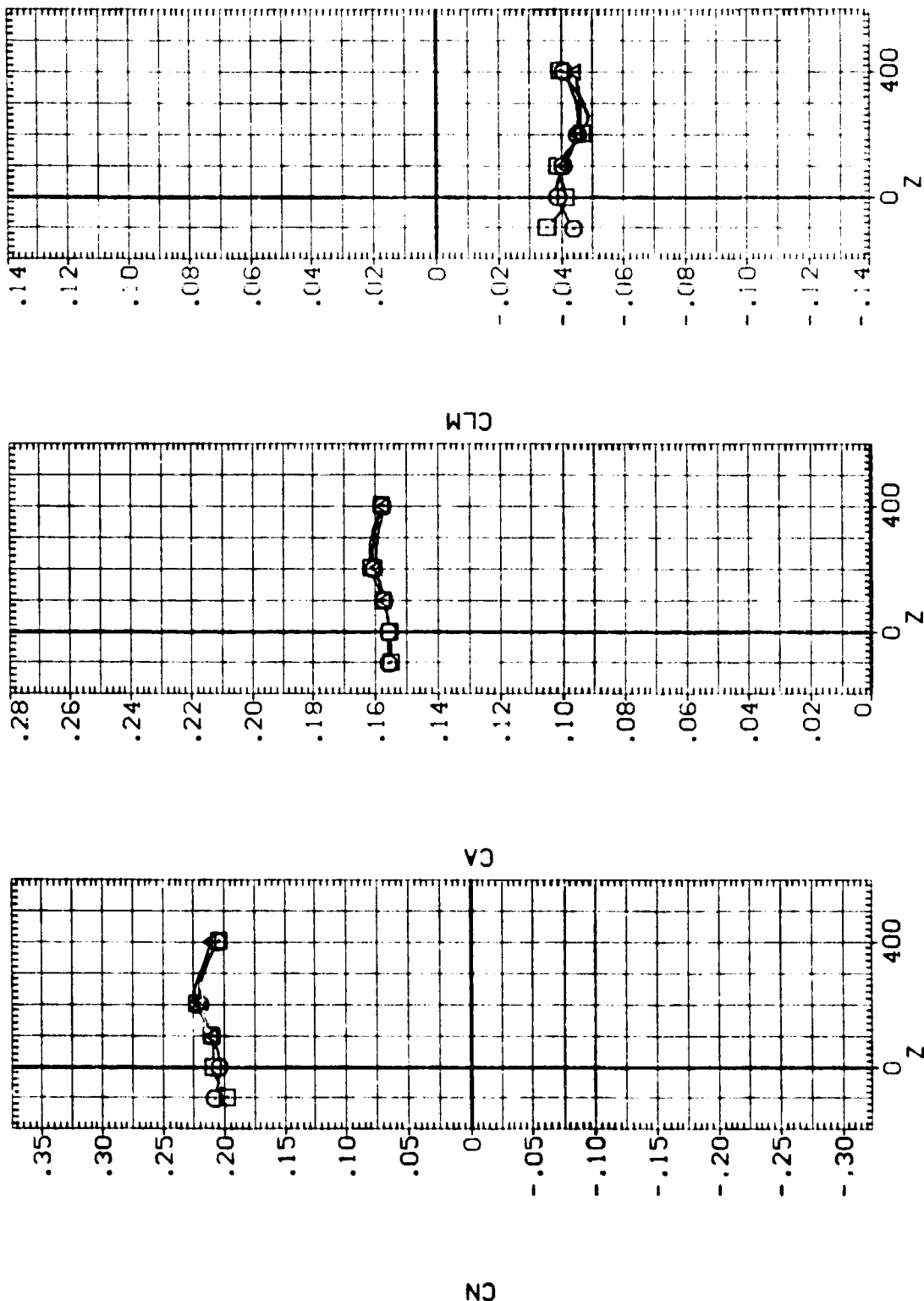


FIG.22 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(8)Y =100.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU072) AEDC/VAS281(A87)-01ETISI-0RB/ET V R/H SRB SEPAR.

(RTU073) AEDC/VAS281(A87)-01ETISI-0RB/ET V R/H SRB SEPAR.

(RTU076) AEDC/VAS281(A87)-01ETISI-0RB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.

LREF 1290.3000 INCHES

BREF 1290.3000 INCHES

XMRP 1097.0000 IN. XT

YMRP .0000 IN. YT

ZMRP 450.0000 IN. ZT

SCALE .0100

MACH X DBETA DALPHA

4.520 300.000 .000

4.520 300.000 5.000

4.520 300.000 -5.000

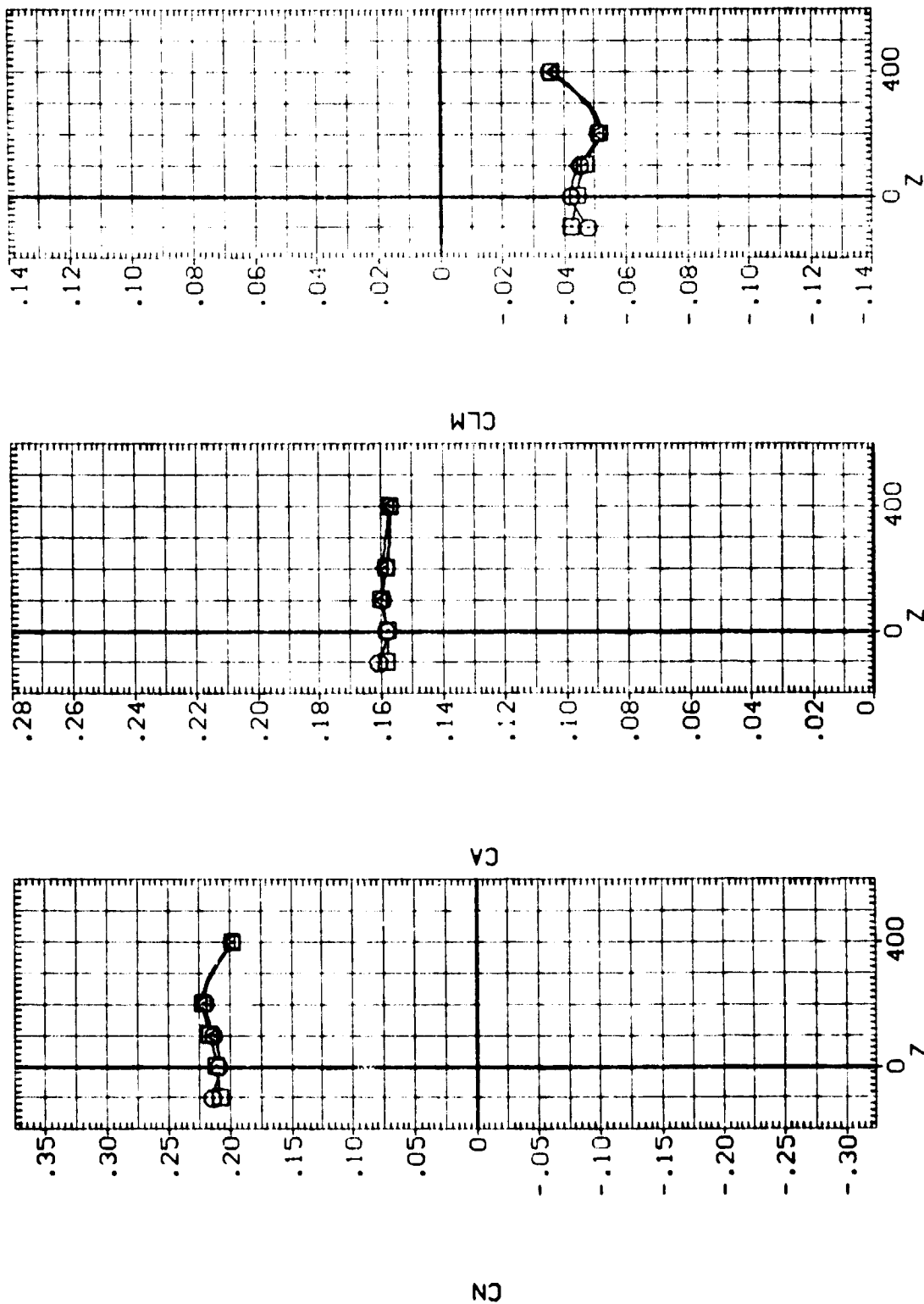


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(C)Y =200.00

DATA SET SYMBOL  
 (RTU072)  
 (RTU073)  
 (RTU076)

CONFIGURATION DESCRIPTION  
 AEDC/VAS28(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR.

DALPHA DBETA X  
 .000  
 -4.000  
 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF .690.0000 SO.FT.  
 LREF 1.290.3000 INCHES  
 BREF 1.290.3000 INCHES  
 XMRP 1.097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

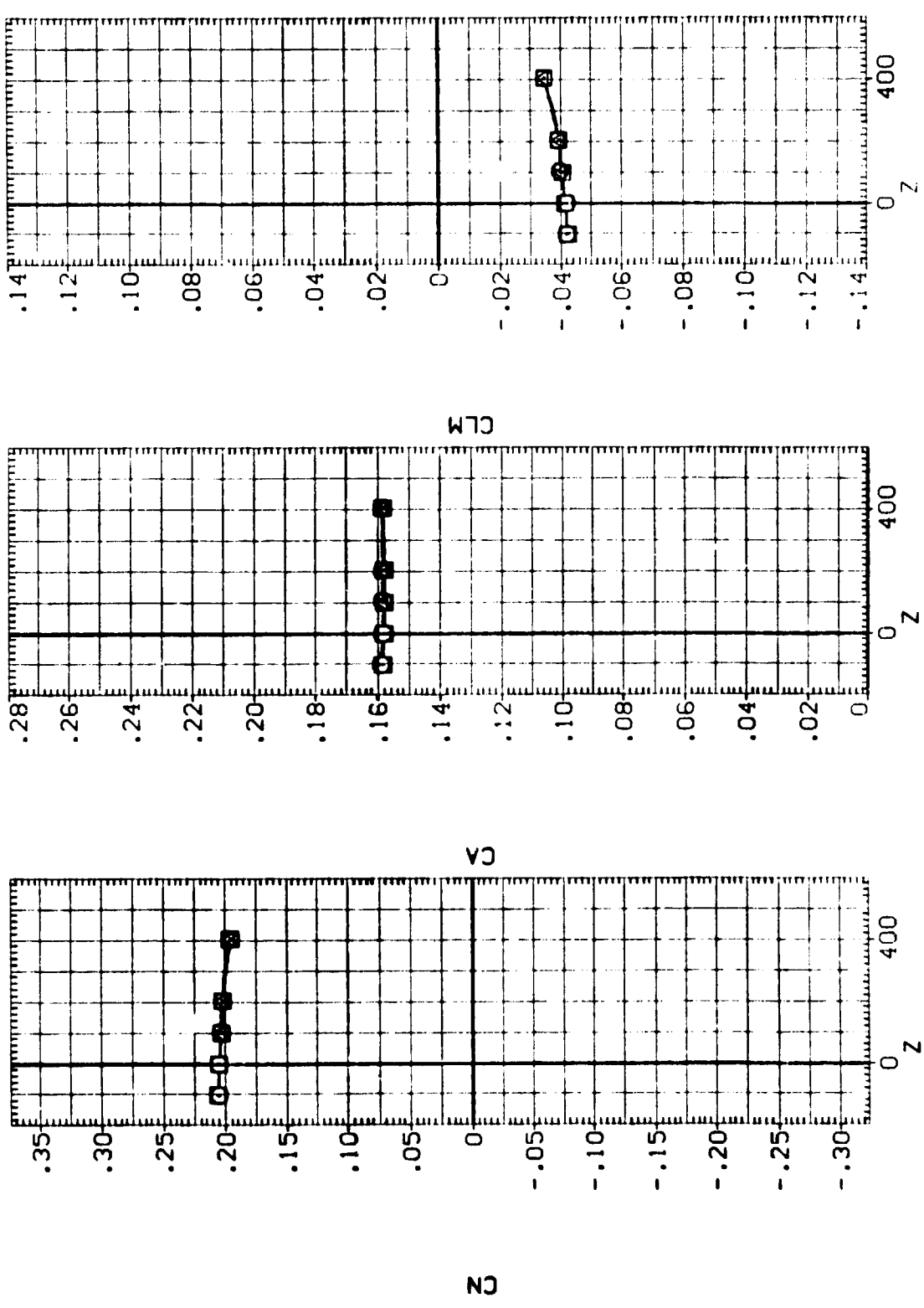


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(D)Y =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU072) AEDC/VA528(IAB7)-01ET(I)-0RB/ET V R/H SRB SEPAR.  
 (RTU073) AEDC/VA528(IAB7)-01ET(I)-0RB/ET V R/H SRB SEPAR.  
 (RTU075) AEDC/VA528(IAB7)-01ET(I)-0RB/ET V R/H SRB SEPAR.

DALPHA DBETA X MACH REFERENCE INFORMATION SO.FT. INCHES  
 .000 -4.000 300.000 4.520 SREF 2690.0000  
 5.000 -4.000 300.000 4.520 LREF 1290.3000  
 -5.000 -4.000 300.000 4.520 BREF 1290.3000  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

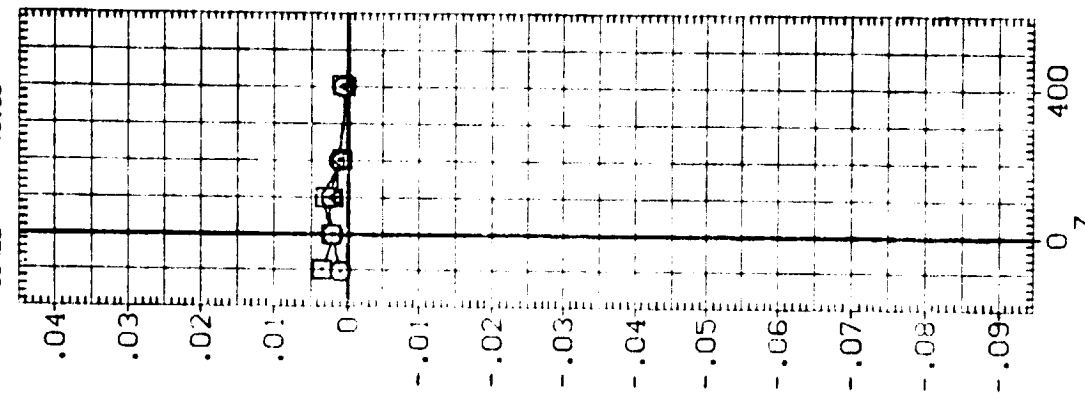
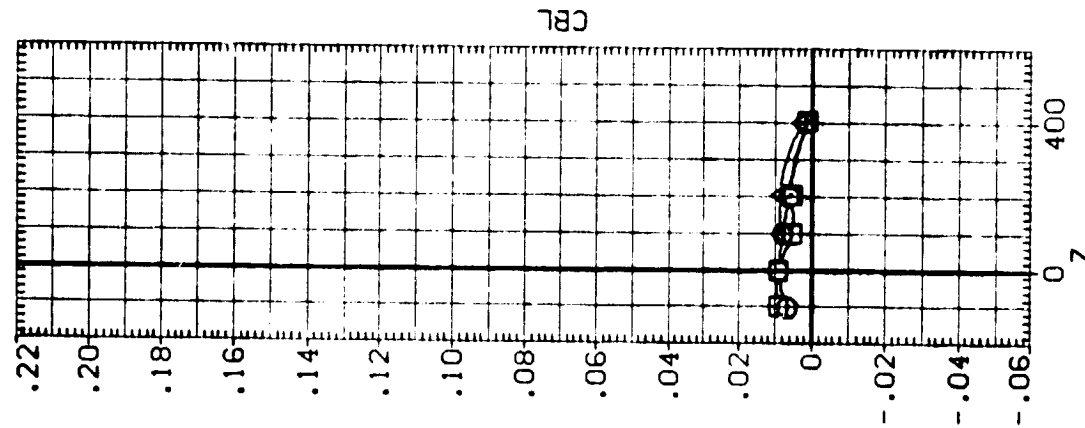
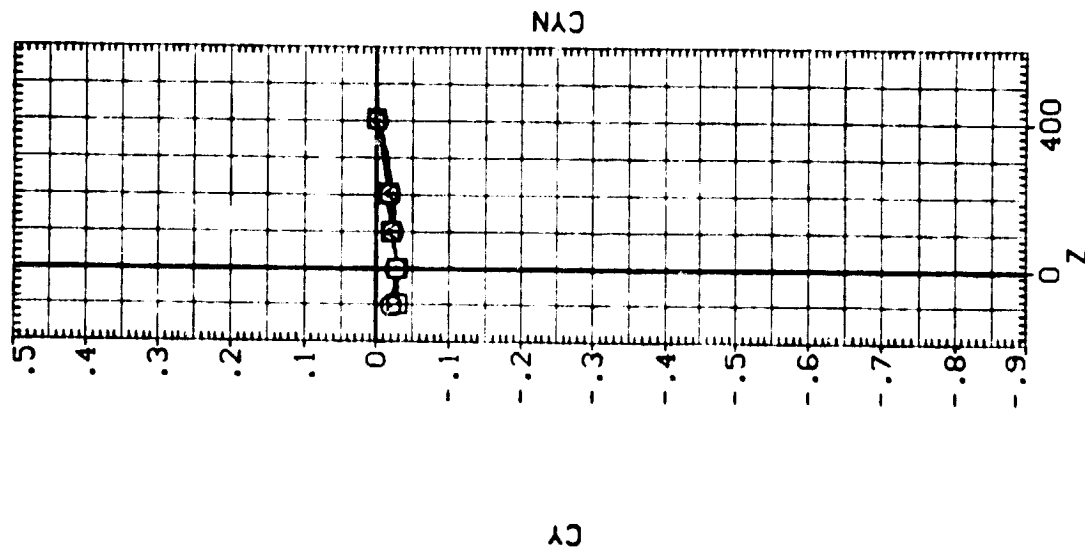


FIG.22 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(B)Y = 100.00

DATA SET SYMBOL: (RTU072) (RTU073) (RTU076)

CONFIGURATION DESCRIPTION: AEDC/VAS28(IAB7)-Q1ET1S1-OR8/ET V R/H SRB SEPAR. AEDC/VAS28(IAB7)-Q1ET1S1-OR8/ET V R/H SRB SEPAR. AEDC/VAS28(IAB7)-Q1ET1S1-OR8/ET V R/H SRB SEPAR.

DELTA DBETA X MACH REFERENCE INFORMATION

DELTA	DBETA	X	MACH	SREF	2630.0000	50. FT.
.000	-4.000	300.000	4.520	LREF	1290.3000	INCHES
-5.000	-4.000	300.000	4.520	BREF	1290.3000	INCHES
				XMRP	1097.0000	IN. XT
				YMRP	.0000	IN. YT
				ZMRP	450.0000	IN. ZT
				SCALE	.0100	

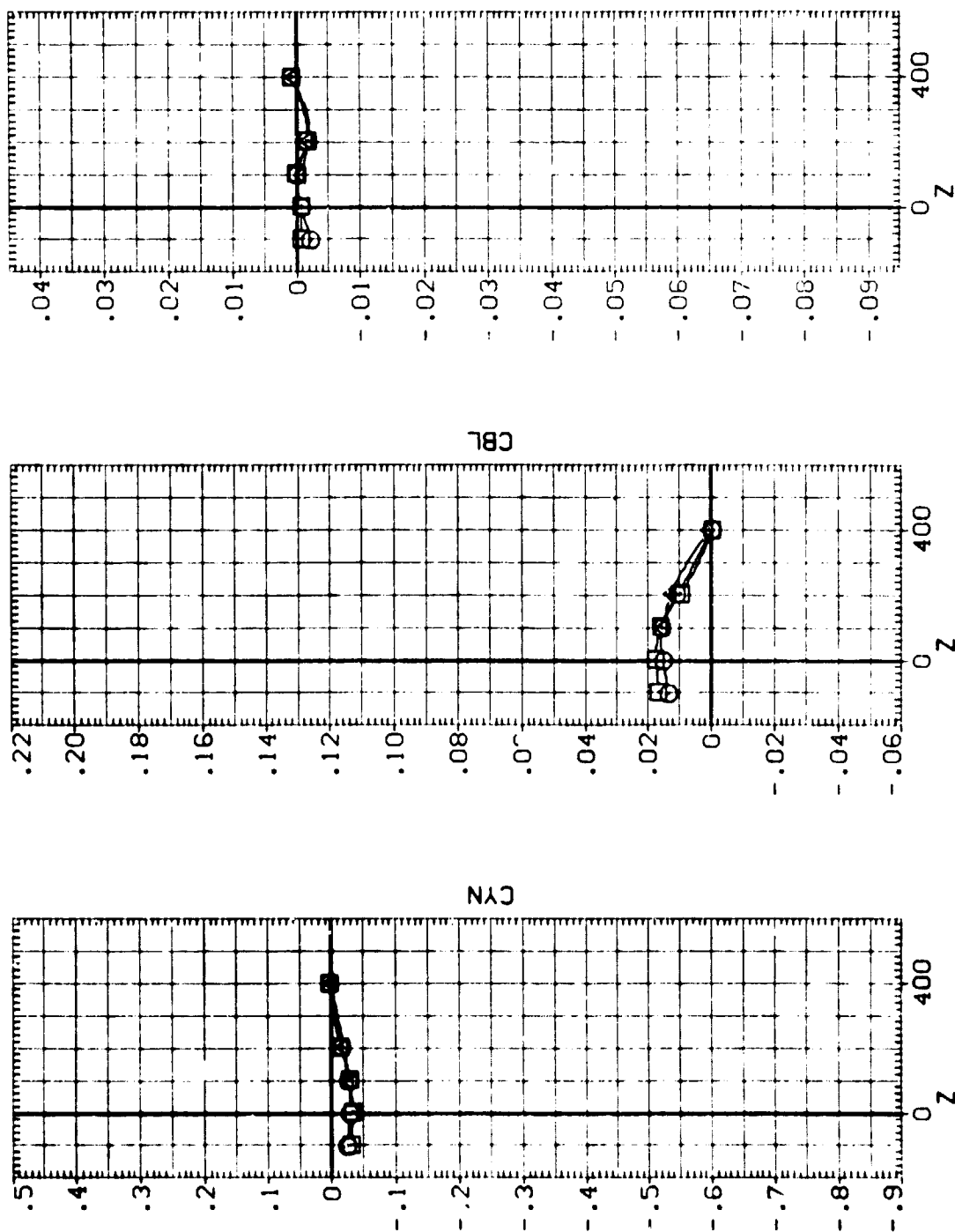


FIG.22 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(C)Y =200.00

DATA SET SYMBOL: (RTU072) (RTU073) (RTU076)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ET1S1-098/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-098/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-098/ET V R/H SRB SEPAR.

REFERENCE INFORMATION: SREF 2690.0000 50.FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XHRP 1097.0000 IN. YI ZHRP 450.0000 IN. YI SCALE .0100

MACH: 4.520 4.520 4.520

X: 300.000 300.000 300.000

DBETA: -4.000 -4.000 -4.000

DALPHA: .000 5.000 -5.000

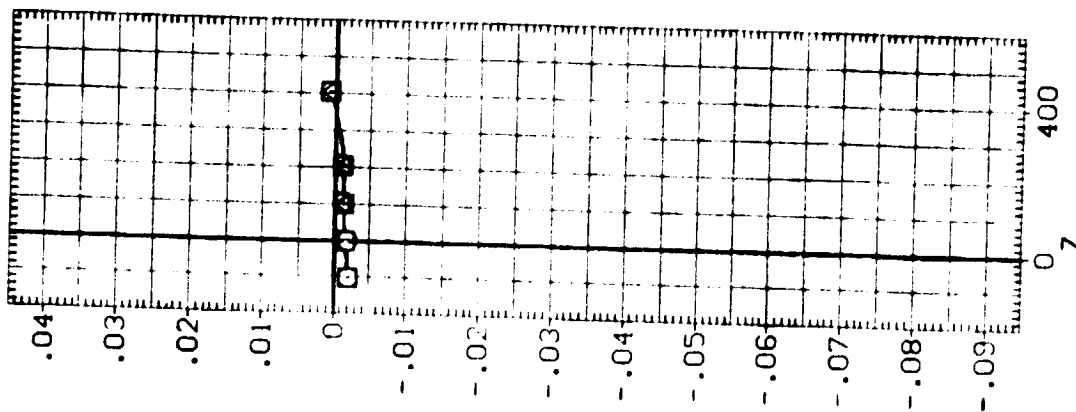
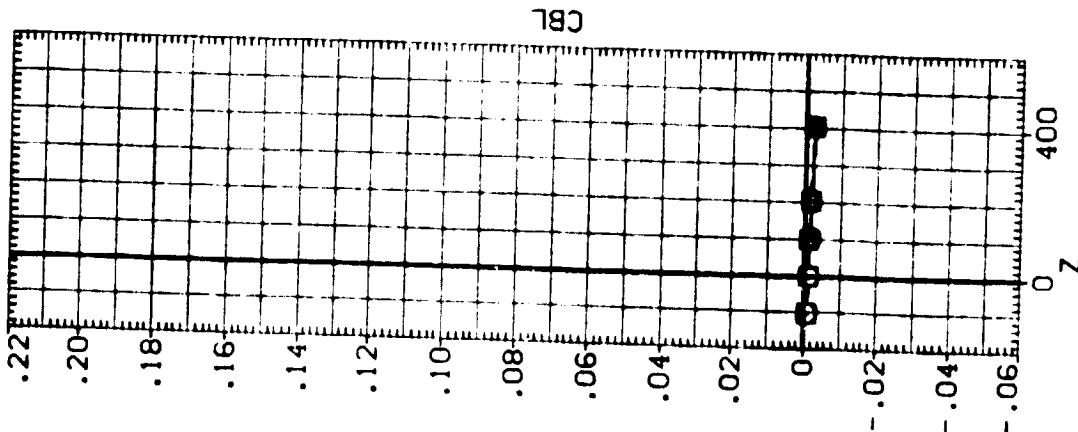
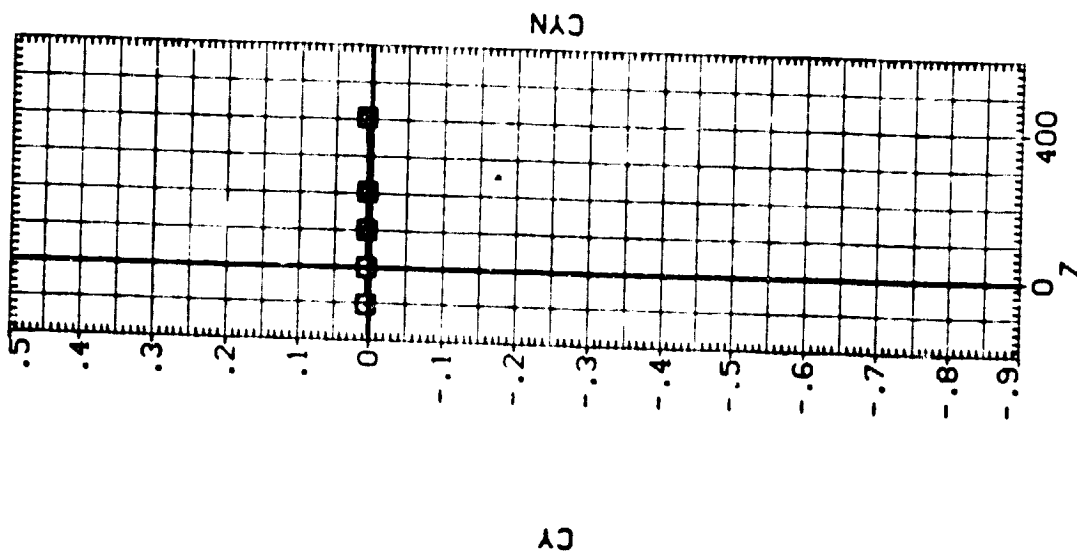


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)  
(C)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	MACH	REFERENCE INFORMATION
(RTU077)	AEDC/VAS28(1A87)-01ET1S1-098/ET V R/H SRB SEPAR.	.000	-8.000	4.520	SREF 2690.0000 SQ.FT.
(RTU080)	AEDC/VAS28(1A87)-01ET1S1-098/ET V R/H SRB SEPAR.	.000	-8.000	4.520	LREF 1290.3000 INCHES
(RTU081)	AEDC/VAS28(1A87)-01ET1S1-098/ET V R/H SRB SEPAR.	-5.000	-8.000	4.520	BREF 1290.3000 INCHES
					XREF 1097.0000 IN. XT
					YREF .0000 IN. YT
					ZREF 450.0000 IN. ZT
					SCALE .0100

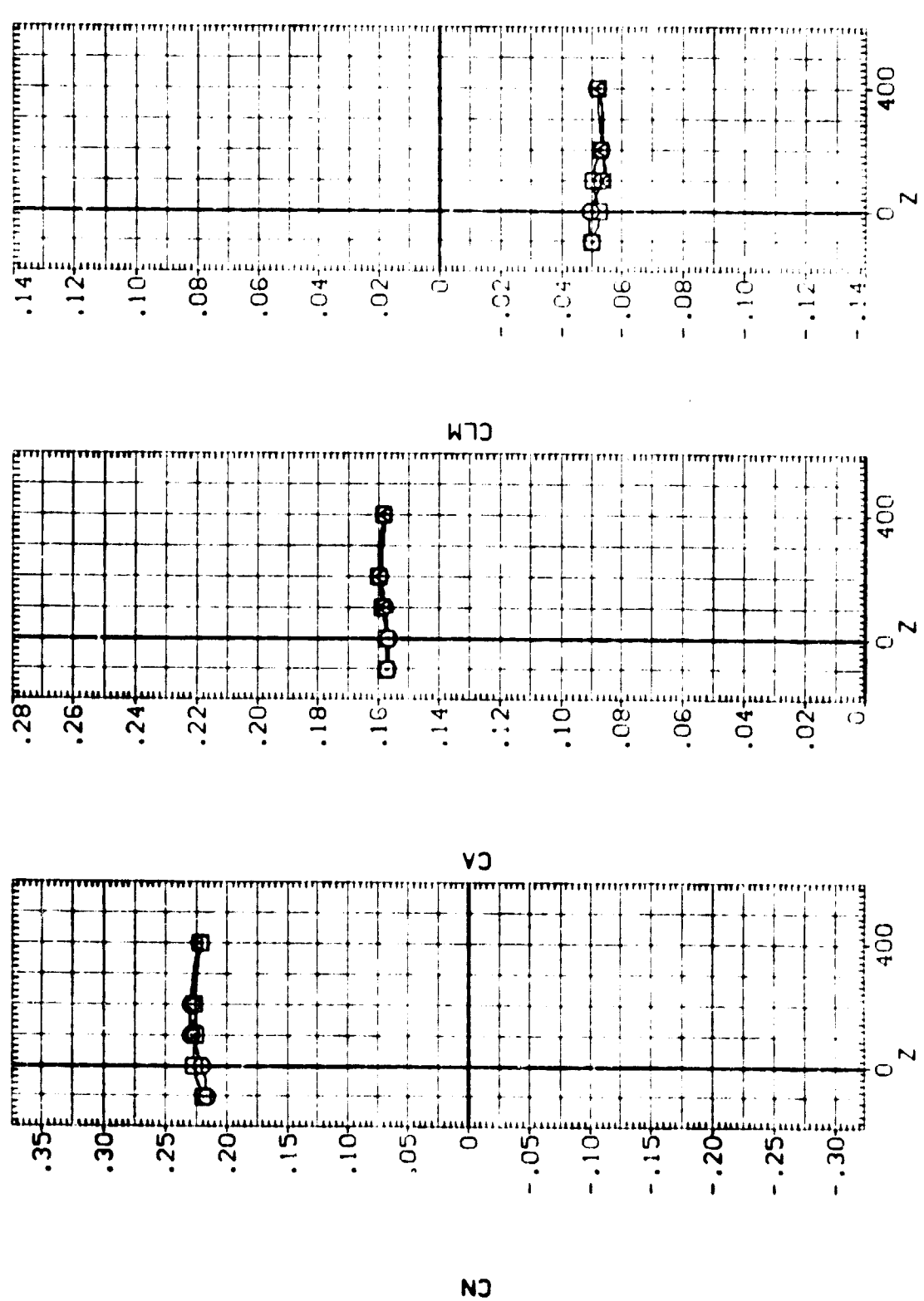


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(C)Y = 200.00

DATA SET SYMBOL  
(RTU077)  
(RTU080)  
(RTU081)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(IAG71)-O1ETISI-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAG71)-O1ETISI-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAG71)-O1ETISI-OR8/ET V R/H SRB SEPAR.

DALPHA  
0.000  
5.000  
-5.000

BETA  
0.000  
0.000  
0.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SO.FT  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 450.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

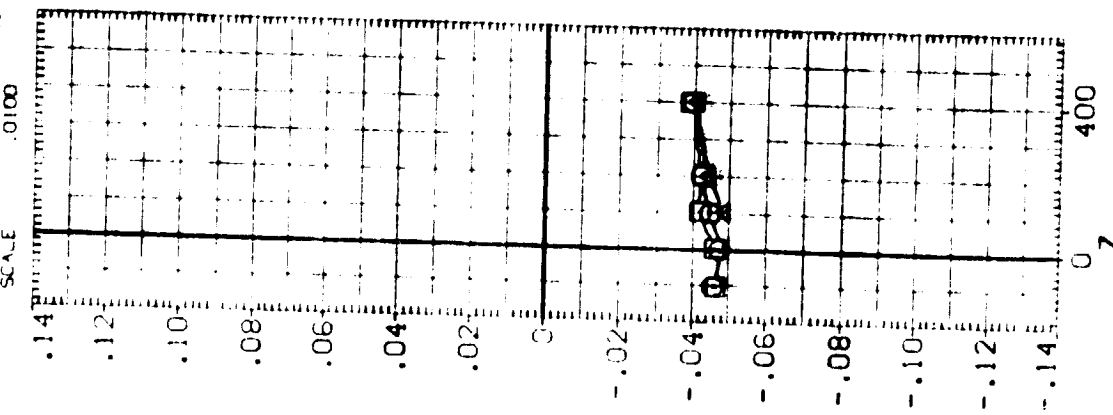
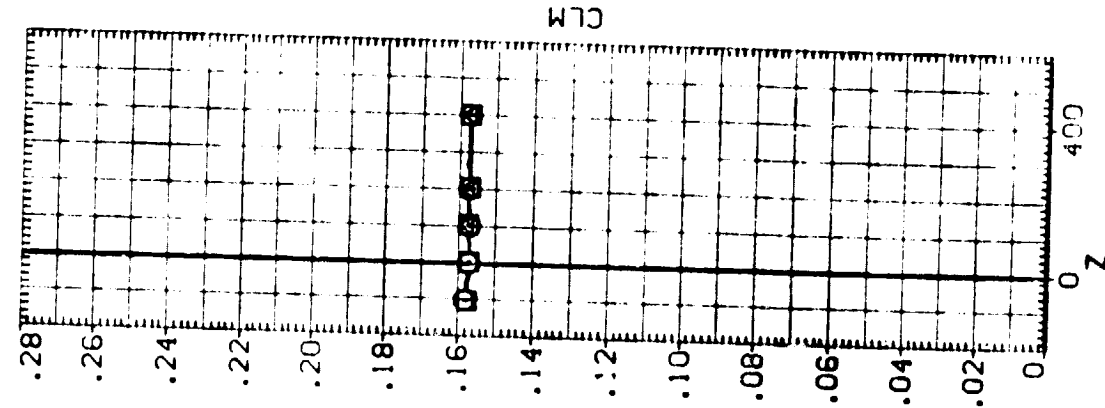
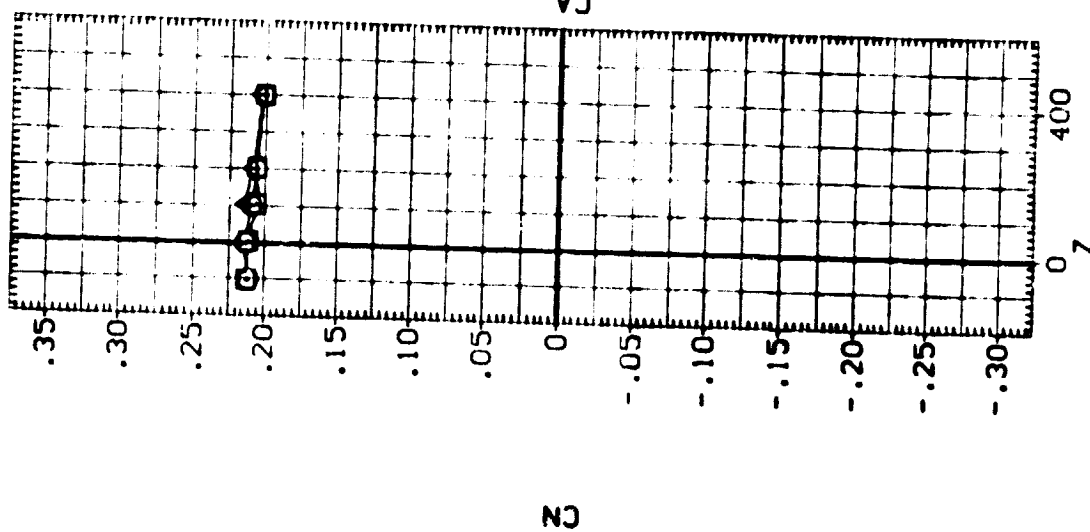


FIG.22 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)  
(O)Y = 400.00

DATA SET SYMBOL: (RTU077) (RTU080) (RTU081)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/M SRB SEPAR. AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/M SRB SEPAR. AEDC/VAS28(1A87)-01ETIS1-OR8/ET V R/M SRB SEPAR.

DELTA ALPHA: .000 .000 .000

LIBETA: -8.000 -8.000 -8.000

X: .000 .000 .000

MACH: 4.520 4.520 4.520

REFERENCE INFORMATION: SREF 2690.0000 SQ.FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XMRP 1097.0000 IN. Y1 YMRP .0000 IN. Z1 ZMRP 450.0000 IN. Z1 SCALE .0100

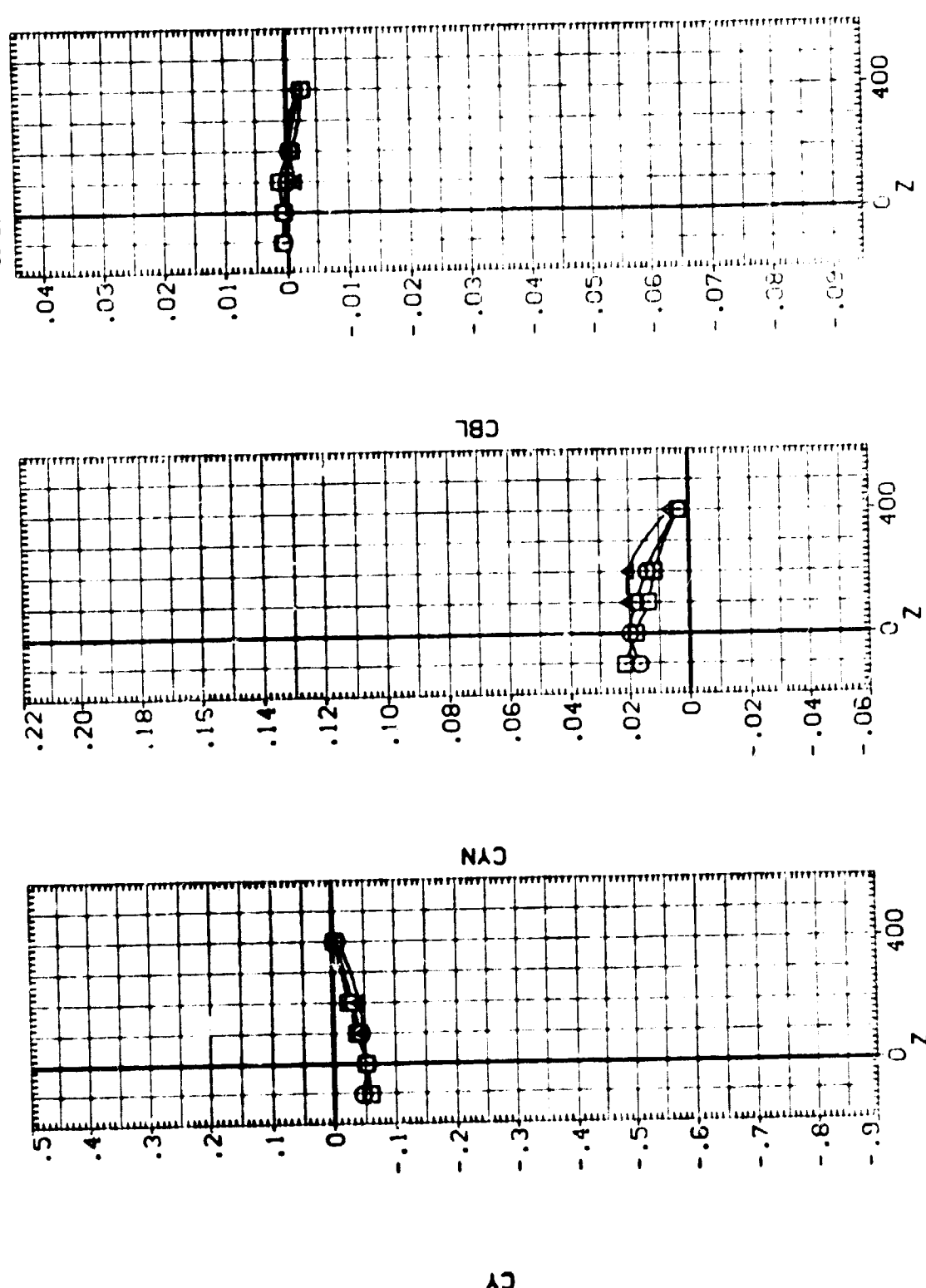


FIG.22 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(C)Y = 200.00



DATA SET SYMBOL: (RTUJ77) (RTUJ80) (RTUJ81)

CONFIGURATION DESCRIPTION: AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR. AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR. AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION: SREF 2690.0000 SQ. FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XMRP 1097.0000 IN. XT YMRP 0000 IN. YT ZMRP 450.0000 IN. ZT SCALE .0100

MACH: 4.520 X .000 DBETA: .000 D ALPHA: .000

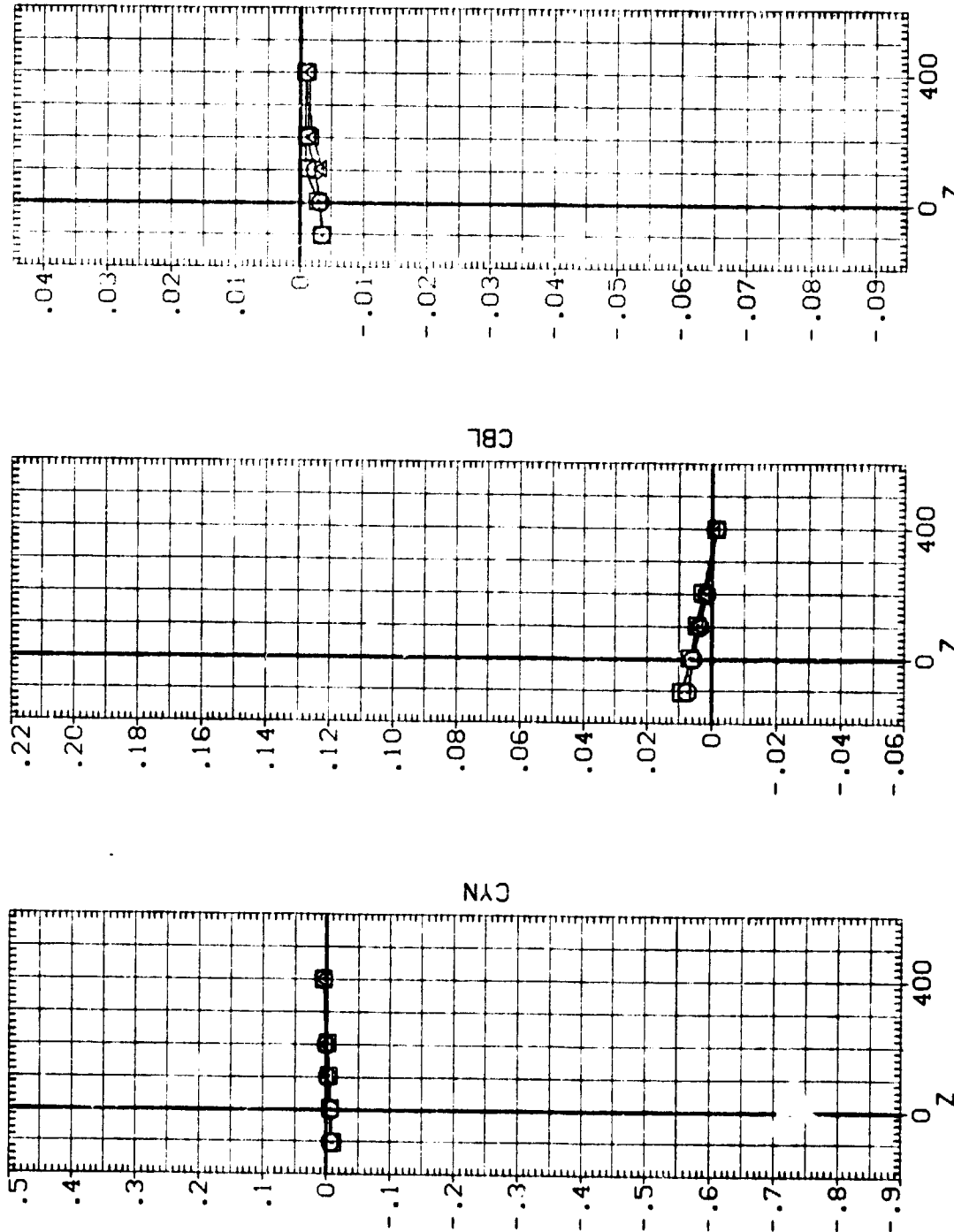


FIG.22 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU078)	AEDC/VAS28(IAB7)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.000	-8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU079)	AEDC/VAS28(IAB7)-01ET1S1-0RB/ET V R/H SRB SEPAR.	5.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU082)	AEDC/VAS28(IAB7)-01ET1S1-0RB/ET V R/H SRB SEPAR.	-5.000	-8.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP 450.0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

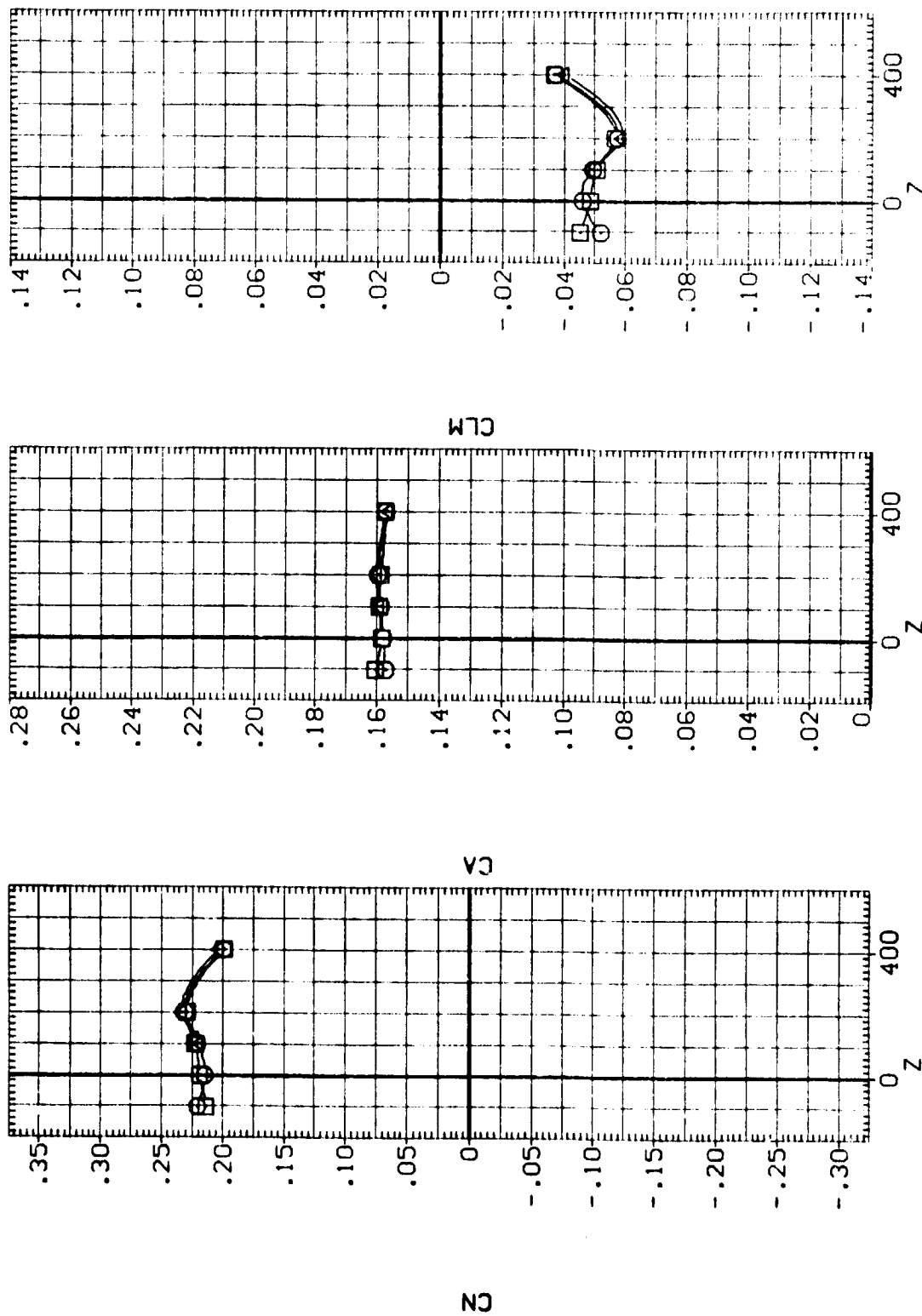


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(C)Y =200.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(RTU078)	Q	AEDC/VAS28(IAB7)-01ET1S1-068/ET V	R/H SRB SEPAR.	.000	-8.000	300.000	4.520	SREF	2690.0000	50. FT.			
(RTU079)	Q	AEDC/VAS28(IAB7)-01ET1S1-068/ET V	R/H SRB SEPAR.	5.000	-8.000	300.000	4.520	LREF	1290.3000	INCHES			
(RTU082)	Q	AEDC/VAS28(IAB7)-01ET1S1-068/ET V	R/H SRB SEPAR.	-5.000	-8.000	300.000	4.520	BREF	1290.3000	INCHES			
								XMRP	1097.0000	IN. XT			
								ZMRP	450.0000	IN. ZT			
								SCALE	.0100				

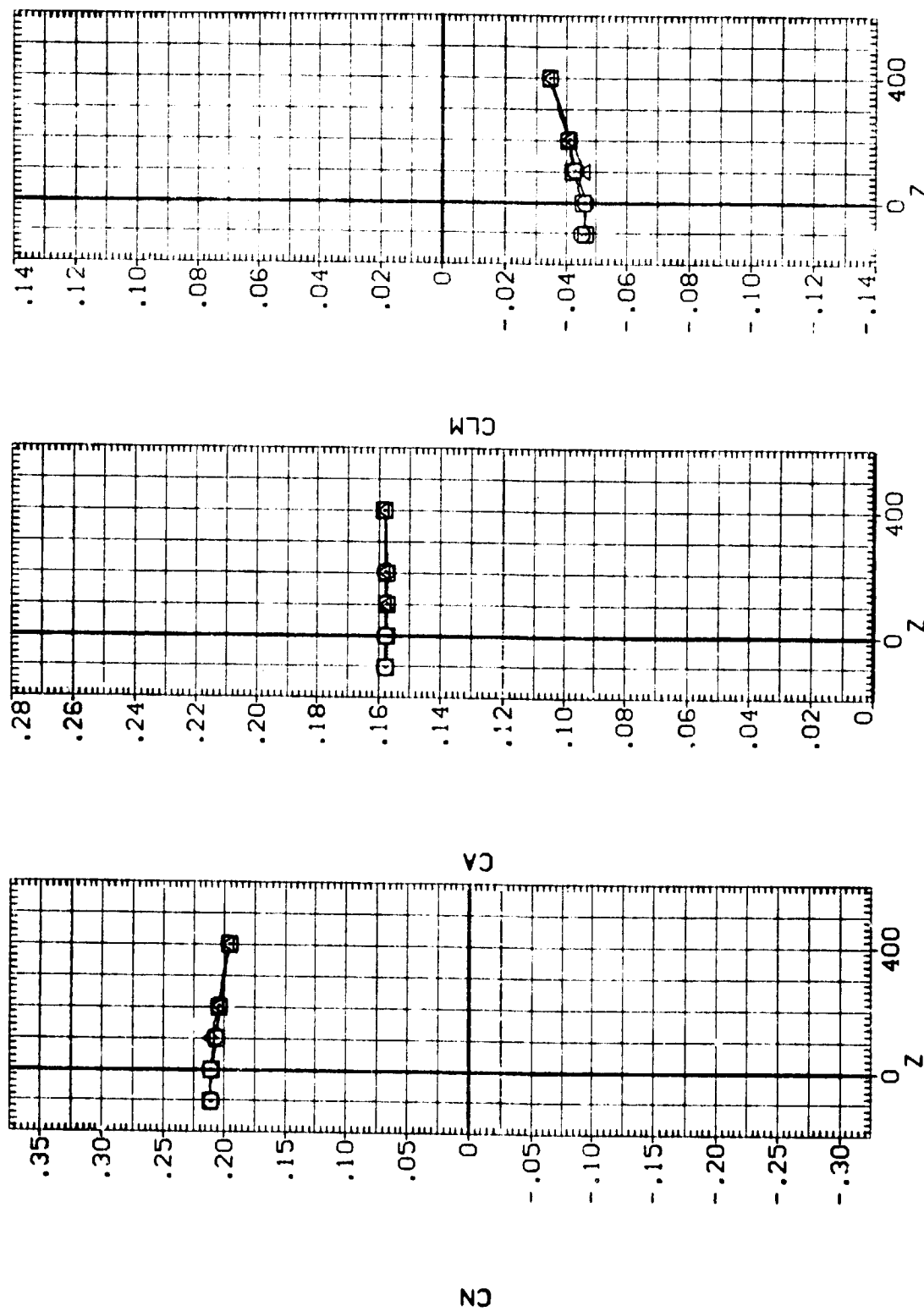


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU078)	AEDC/VAS28(IAB')-01ET1S1-OR8/ET	.000	-8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU079)	AEDC/VAS28(IAB')-01ET1S1-OR8/ET	5.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU082)	AEDC/VAS28(IAB')-01ET1S1-OR8/ET	-5.000	-8.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP .0000 IN. ZT
						SCALE .0100

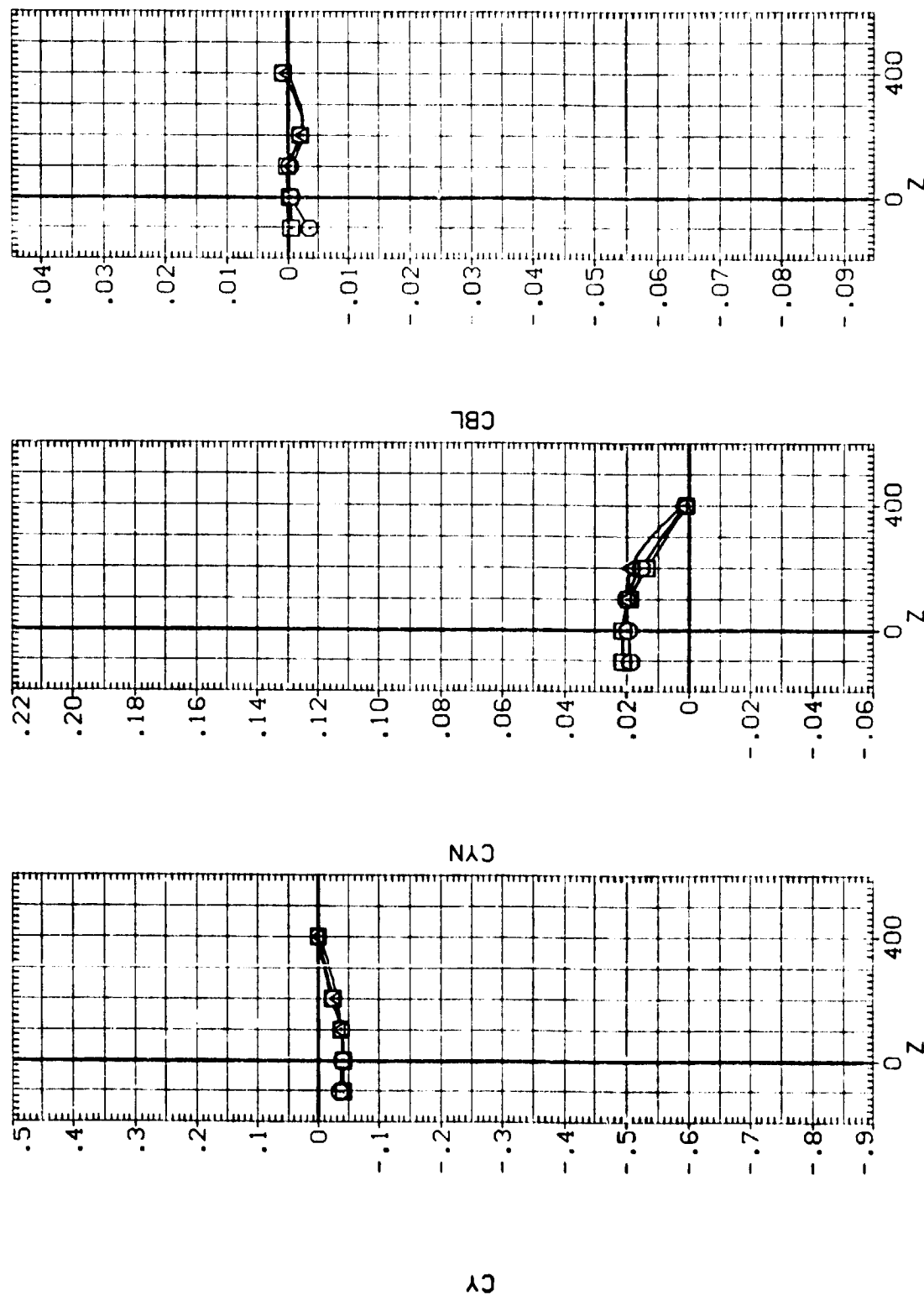


FIG.22 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)

(C)Y =200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU078) AEDC/VAS28(IAB7)-01ET(I)-0RB/ET V R/H SRB SEPAR.  
 (RTU079) AEDC/VAS28(IAB7)-01ET(I)-0RB/ET V R/H SRB SEPAR.  
 (RTU082) AEDC/VAS28(IAB7)-01ET(I)-0RB/ET V R/H SRB SEPAR.

DALPHA DBETA X MACH  
 .000 -8.000 300.000 4.520  
 5.000 -8.000 300.000 4.520  
 -5.000 -8.000 300.000 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1087.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

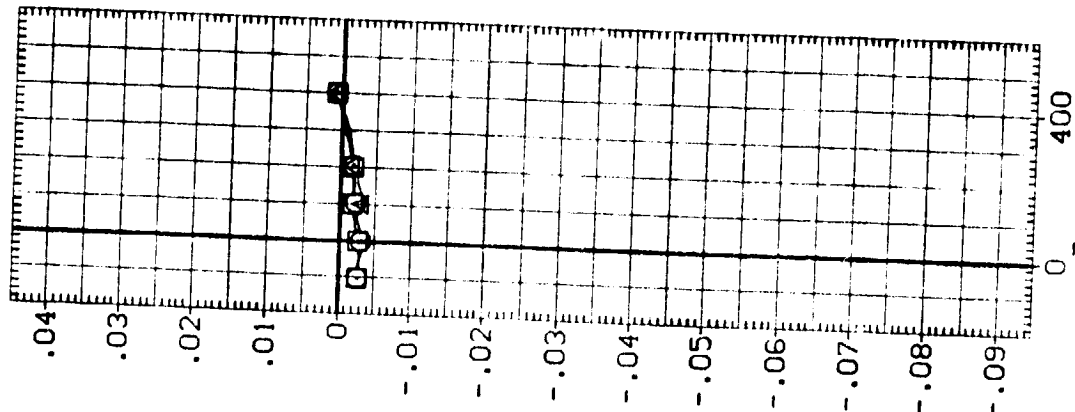
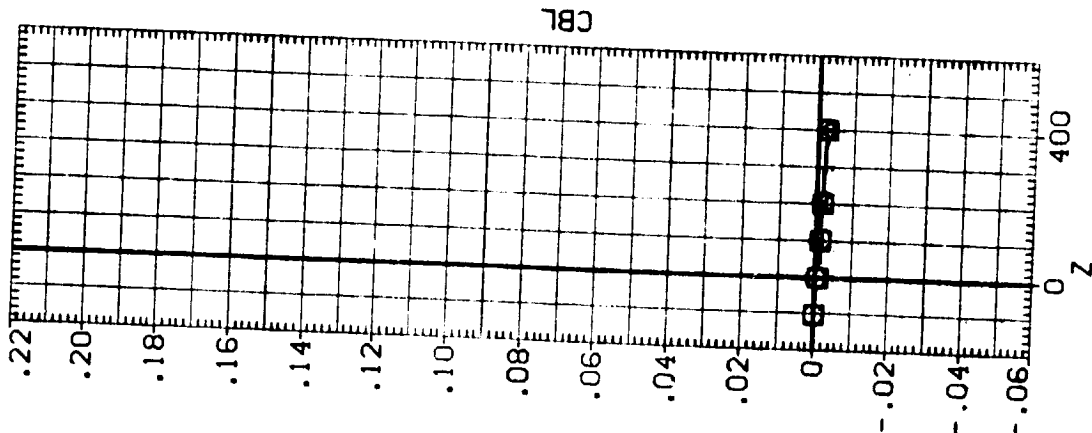
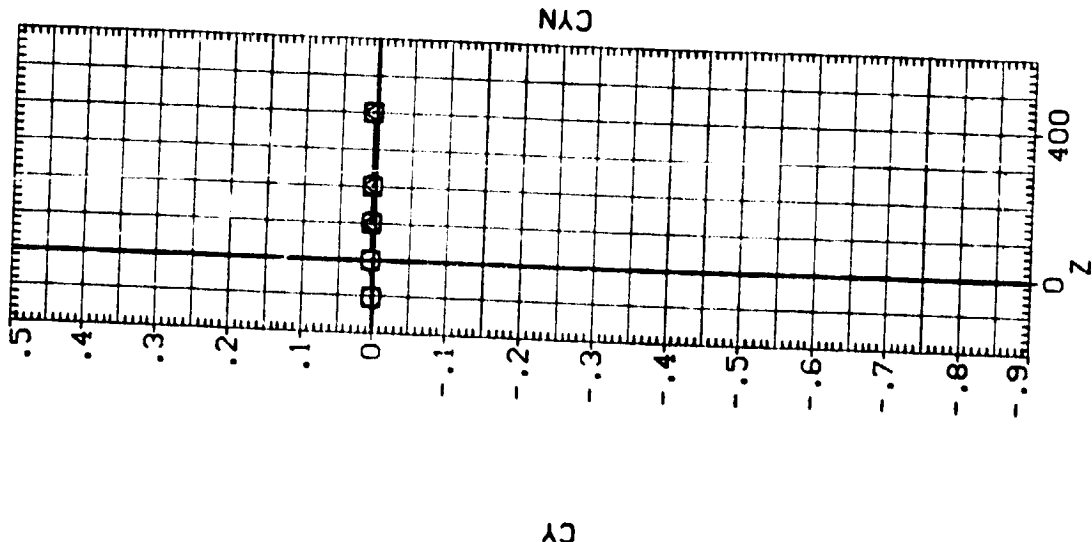


FIG.22 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.3 BETA=0)  
 (O)Y =400.00

DATA SET SYMBOL  
(RTU083)  
(RTU086)  
(RTU087)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET

V R/H SRB SEPAR.  
V R/H SRB SEPAR.  
V R/H SRB SEPAR.

DALPHA DBETA X

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 50.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

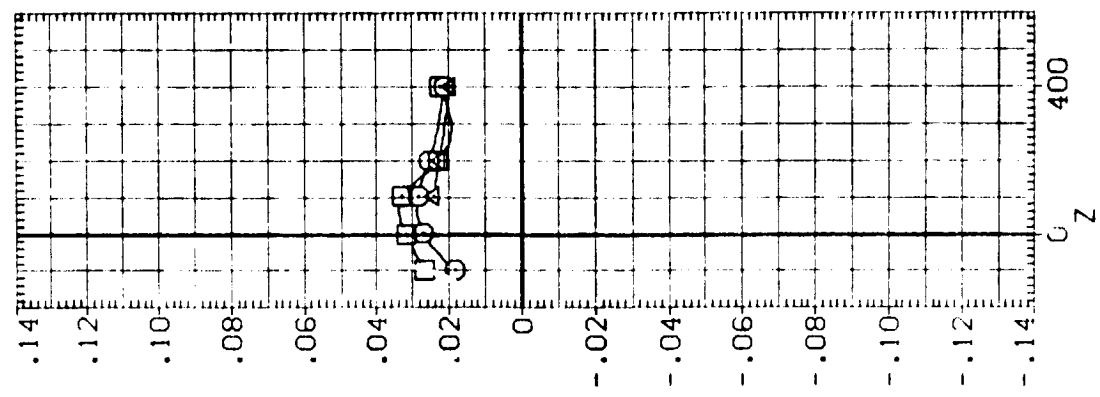
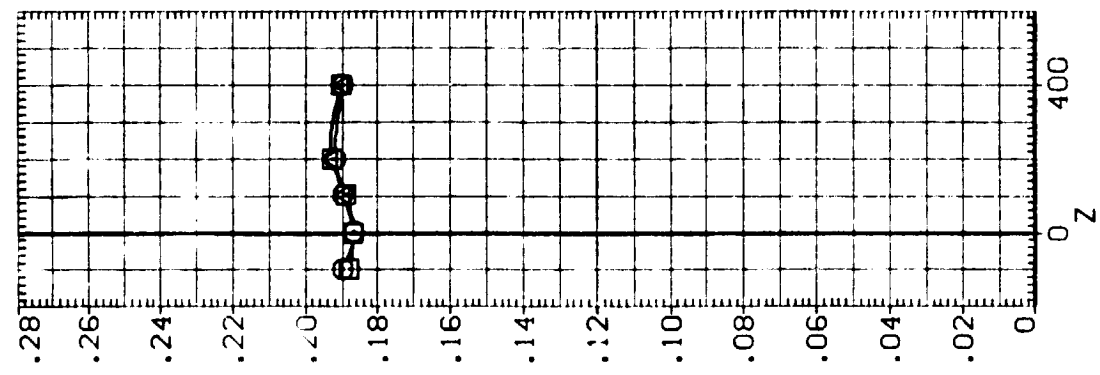
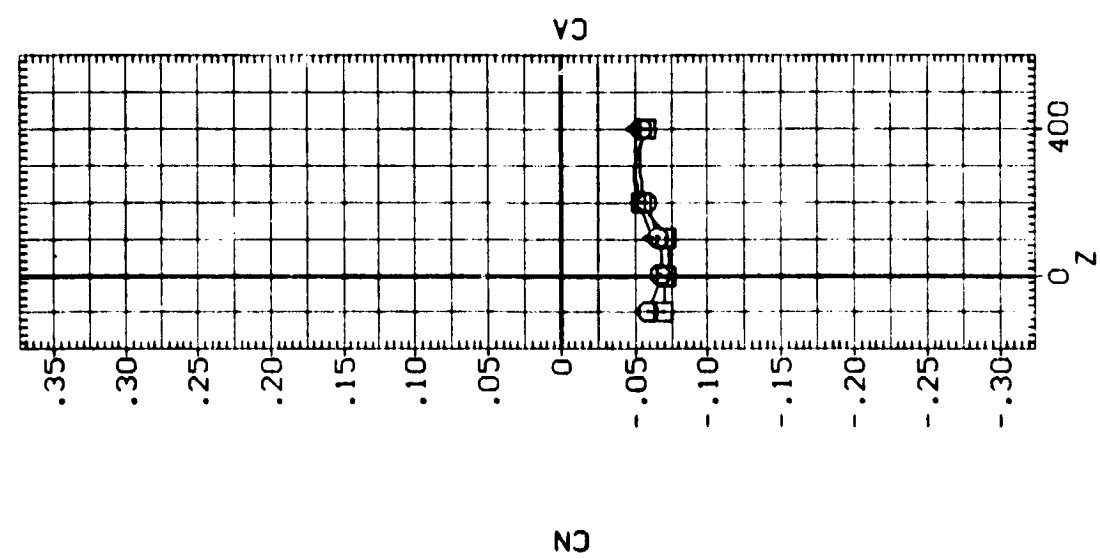


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(A)Y = 10.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU083)  
(RTU086)  
(RTU087)

AEDC/VAS28(IAB7)-01ET(I)-ORB/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-01ET(I)-ORB/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-01ET(I)-ORB/ET V R/H SRB SEPAR.

DALPHA DBETA

X

MACH

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

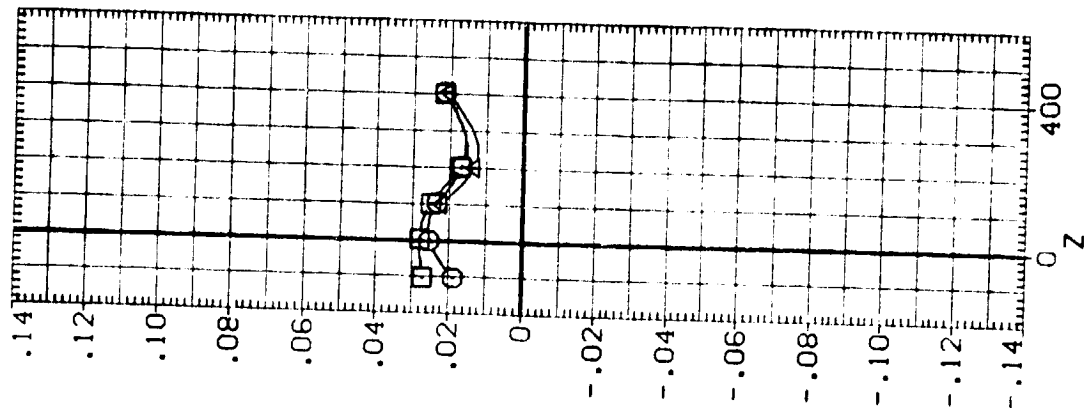
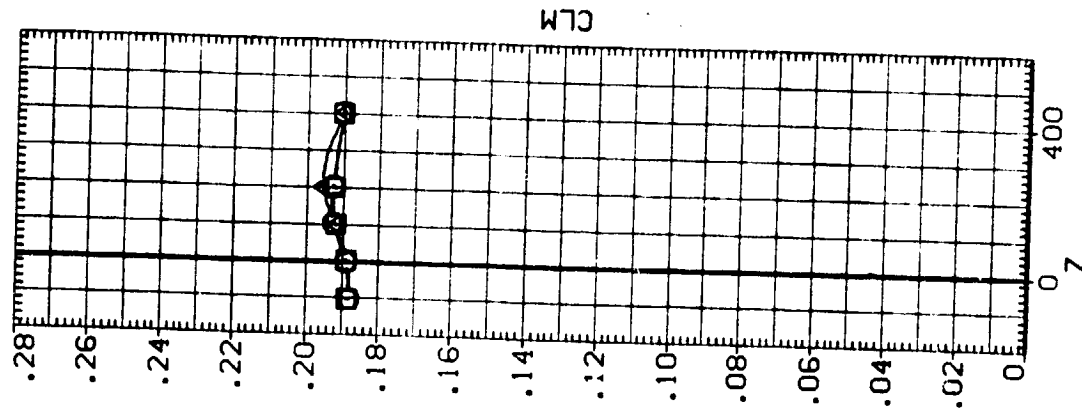
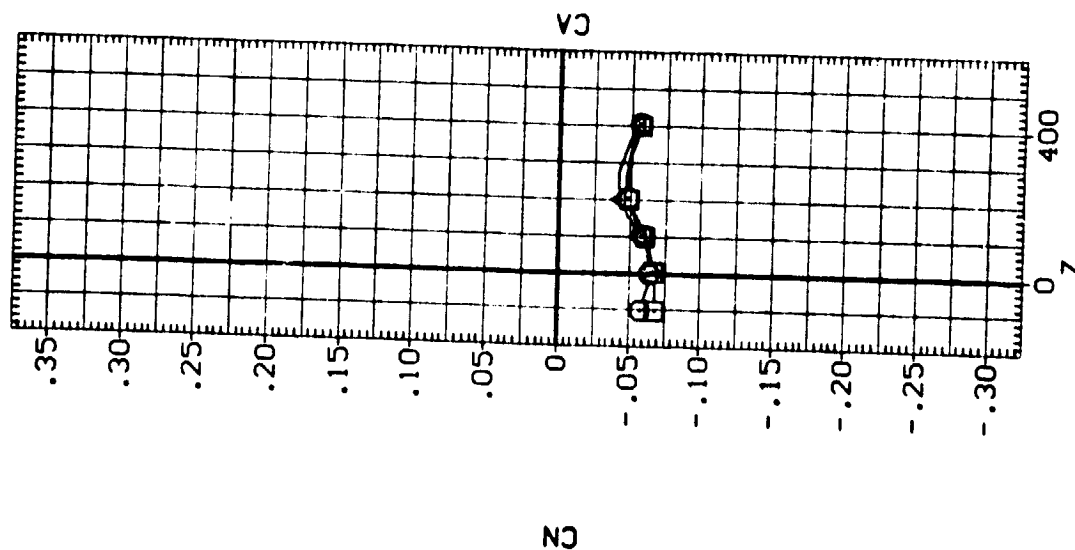


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
(B)Y =100.00

DATA SET SYMBOL

(RTU083)  
(RTU086)  
(RTU087)



CONFIGURATION DESCRIPTION

AEDC/VAS28(1487)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1487)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1487)-01ETIS1-0RB/ET V R/H SRB SEPAR.

DALPHA .000  
DBETA .000  
5.000  
-5.000

X

.000  
.000  
.000

MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 0.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

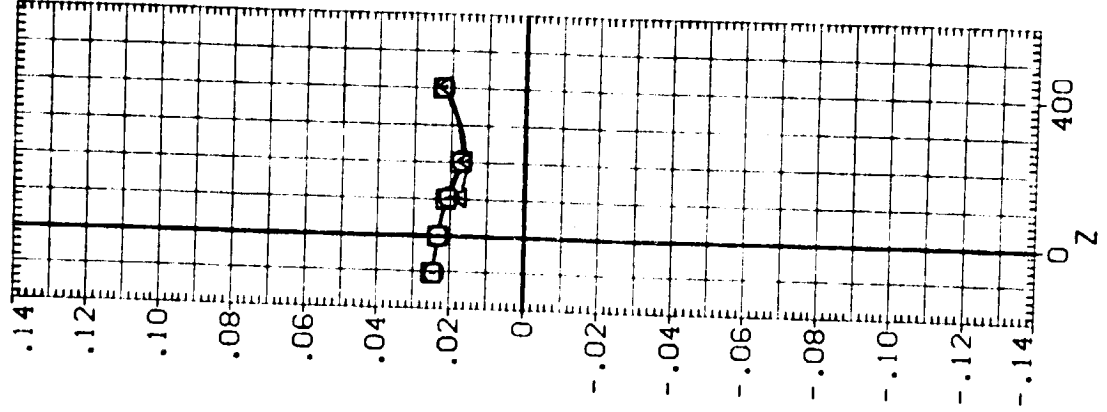
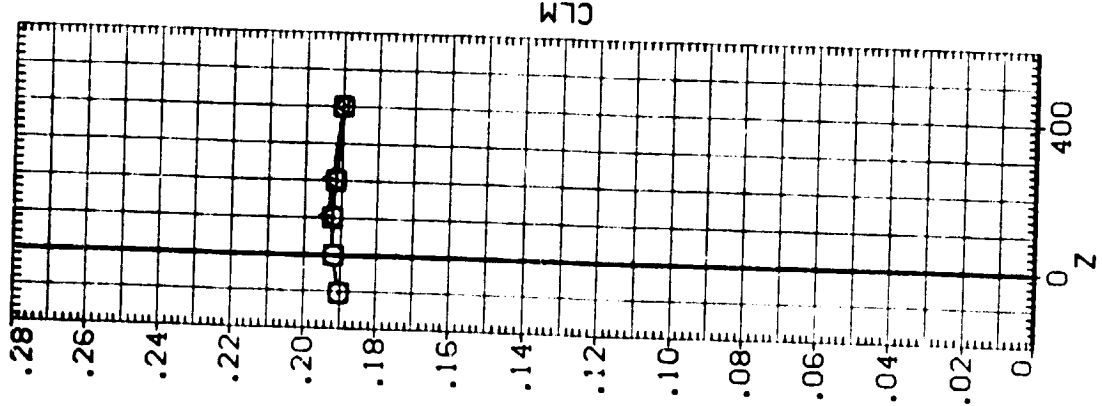
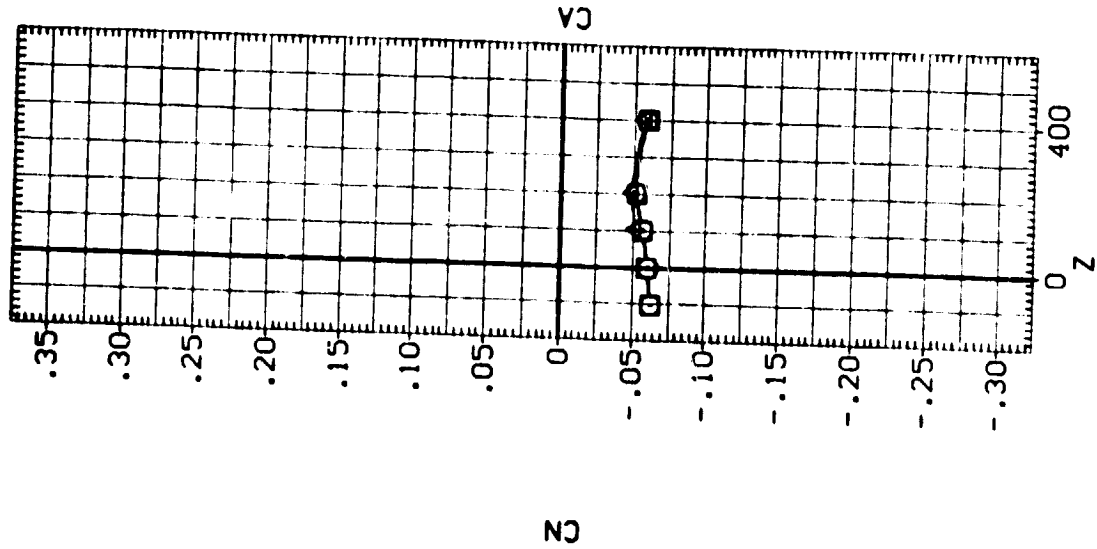


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
(C)Y =200.00



DATA SET SYMBOL: (RTU083) (RTU085) (RTU087)

CONFIGURATION DESCRIPTION:  
 AEDC/VAS28(1A87)-01ETISI-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(1A87)-01ETISI-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(1A87)-01ETISI-0RB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION:  
 SREF 2630.0000 SD.FT.  
 LREF 1230.3000 INCHES  
 BREF 1230.3000 INCHES  
 YMRP 1097.0000 IN. XT  
 ZMRP 450.0000 IN. YT  
 SCALE .0100

MACH 4.520  
 X .000  
 DBETA .000  
 DALPHA .000  
 V R/H SRB SEPAR. 5.000  
 V R/H SRB SEPAR. -5.000

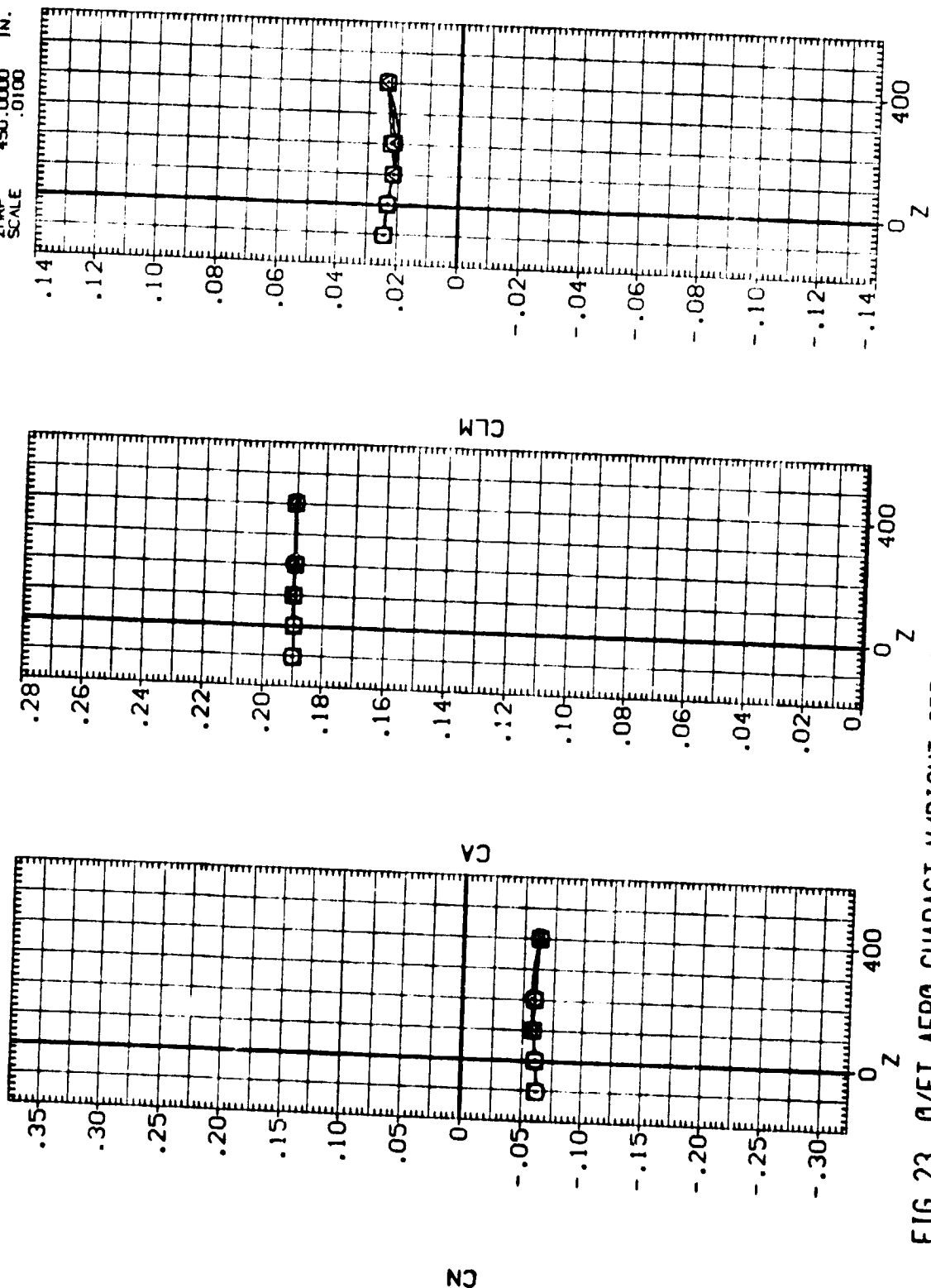


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
 (D)Y =400.00

(RTU083)  
(RTU086)  
(RTU087)

CONFIGURATION	DESCRIPTION
1	...
2	...
3	...
4	...
5	...
6	...
7	...
8	...
9	...
10	...
11	...
12	...
13	...
14	...
15	...
16	...
17	...
18	...
19	...
20	...
21	...
22	...
23	...
24	...
25	...
26	...
27	...
28	...
29	...
30	...
31	...
32	...
33	...
34	...
35	...
36	...
37	...
38	...
39	...
40	...
41	...
42	...
43	...
44	...
45	...
46	...
47	...
48	...
49	...
50	...
51	...
52	...
53	...
54	...
55	...
56	...
57	...
58	...
59	...
60	...
61	...
62	...
63	...
64	...
65	...
66	...
67	...
68	...
69	...
70	...
71	...
72	...
73	...
74	...
75	...
76	...
77	...
78	...
79	...
80	...
81	...
82	...
83	...
84	...
85	...
86	...
87	...
88	...
89	...
90	...
91	...
92	...
93	...
94	...
95	...
96	...
97	...
98	...
99	...
100	...

	DESCRIPTION	Y	R/H	SRB SEPAR.
AEDC/VA528	(A87)-O-ET(SI)-ORB/ET	✓	R/H	SRB SEPAR.
AEDC/VA528	(A87)-O-ET(SI)-ORB/ET	✓	R/H	SRB SEPAR.
AEDC/VA528	(A87)-O-ET(SI)-ORB/ET	✓	R/H	SRB SEPAR.

DALPHA  
5.000  
-5.000

DBETA  
0.000  
0.000  
0.000

888  
x

HACH  
4.520  
4.520

REFERENCE INFORMATION			
	2690.0000	50. FT.	
SREF		INCHES	
LREF	1290.3000		
BREF	1290.3000		
XMRP	1097.0000		
YMRP	.0000		
ZMRP	450.0000		
SCALE	.0100		

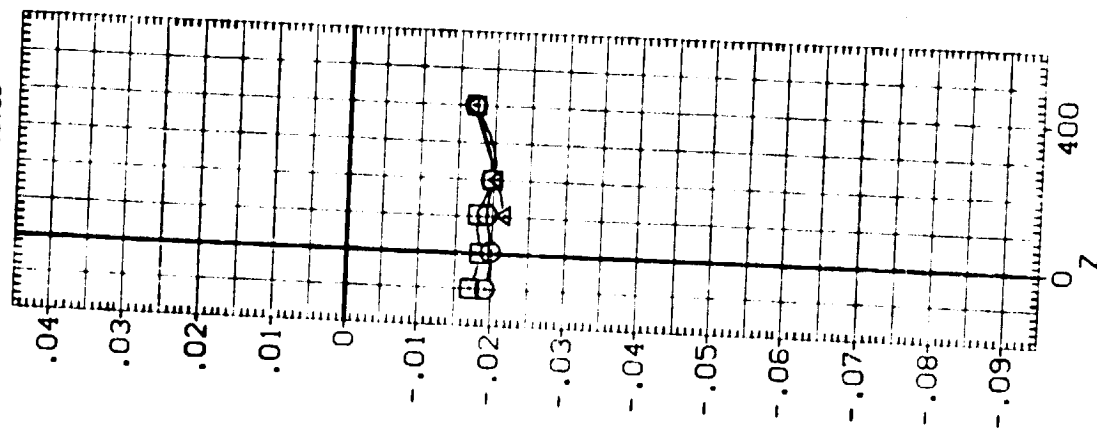
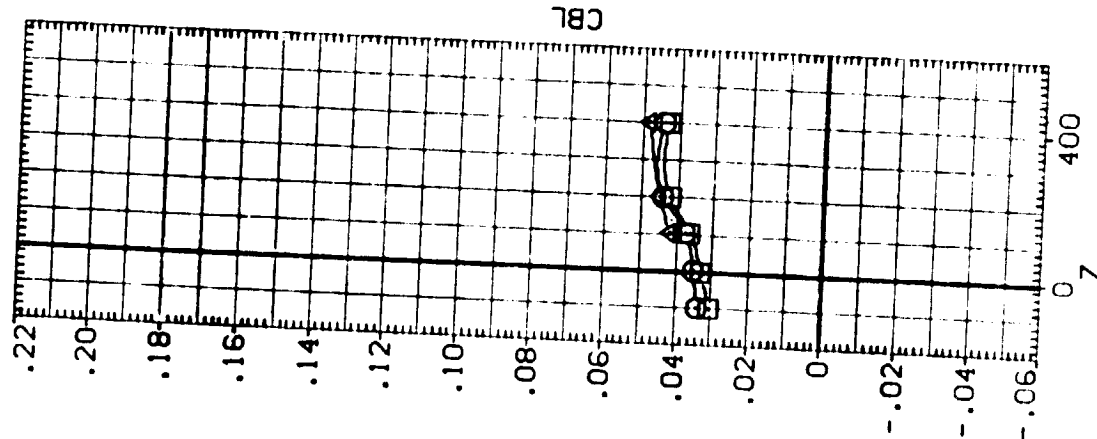
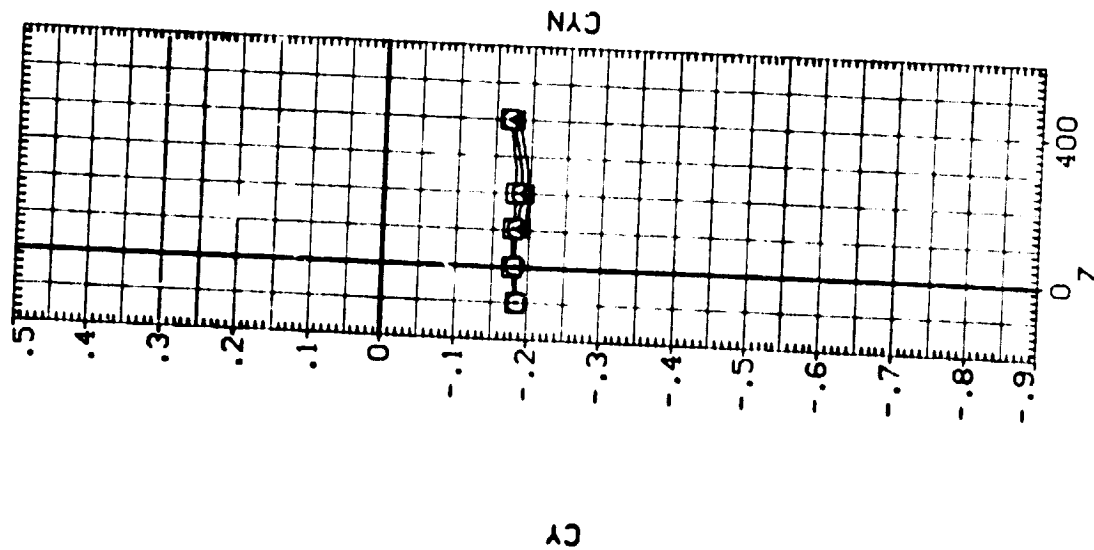


FIG. 23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

DATA SET SYMBOL

(RTU080)  
(RTU081)  
(RTU082)

CONFIGURATION DESCRIPTION

AEDC/VAS281 (A87) - OIETISI - ORB/ET V R/H SRB SEPAR.  
AEDC/VAS281 (A87) - OIETISI - ORB/ET V R/H SRB SEPAR.  
AEDC/VAS281 (A87) - OIETISI - ORB/ET V R/H SRB SEPAR.

DALPHA .000  
DBETA .000  
SCALE -5.000

X .000  
Y .000  
Z .000

MACH 4.520  
MACH 4.520  
MACH 4.520

REFERENCE INFORMATION  
SREF 2650.0000 SQ.FT.  
LREF 1250.3000 INCHES  
BREF 1250.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 450.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

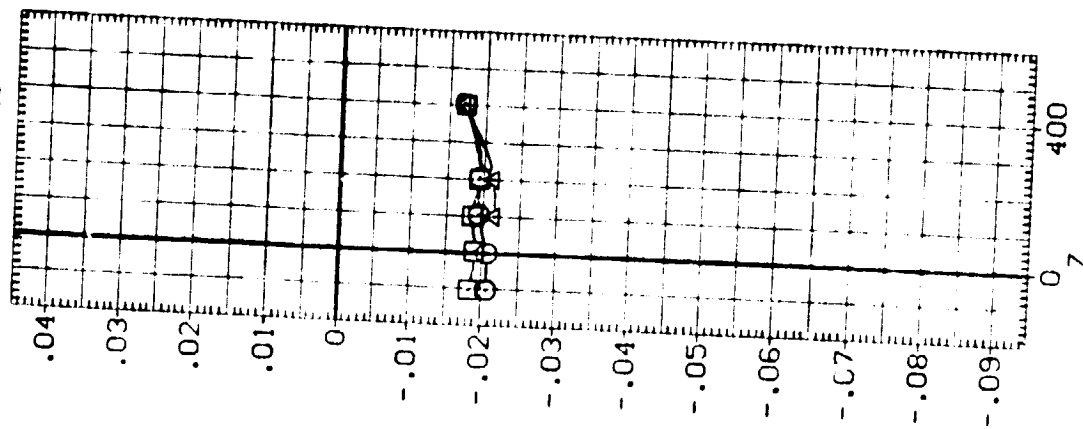
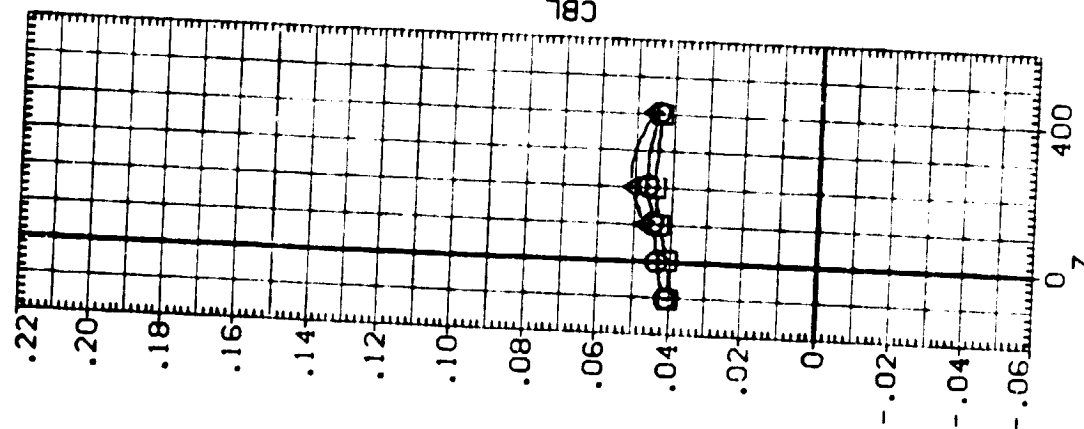
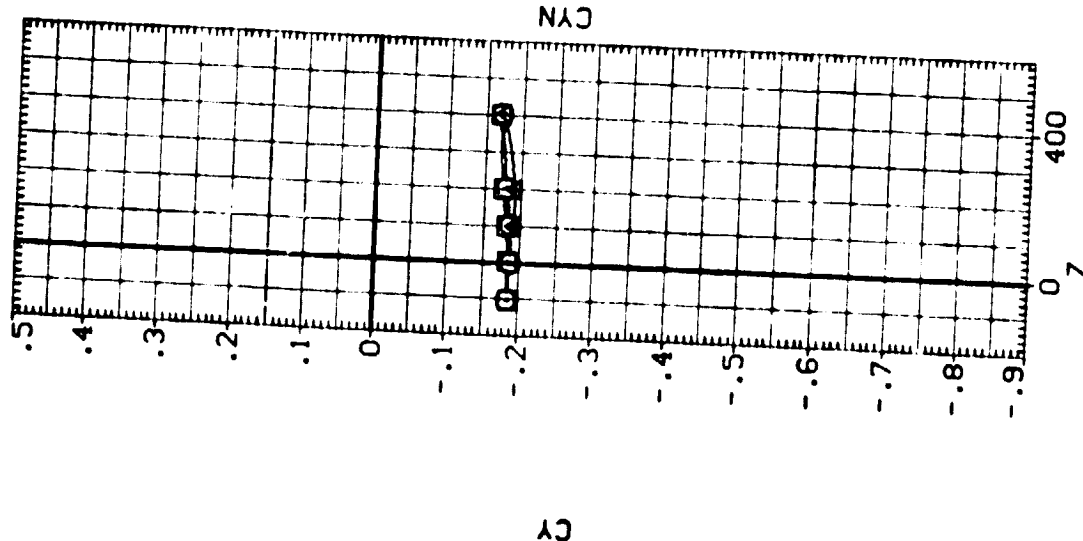


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(RTU083)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.	(RTU083)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.	(RTU083)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.	(RTU083)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.
(RTU086)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.	(RTU086)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.	(RTU086)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.	(RTU086)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.
(RTU087)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.	(RTU087)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.	(RTU087)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.	(RTU087)	AEDC/VA528((A87)-O1ET1S1)-ORB/ET V R/H SRB SEPAR.

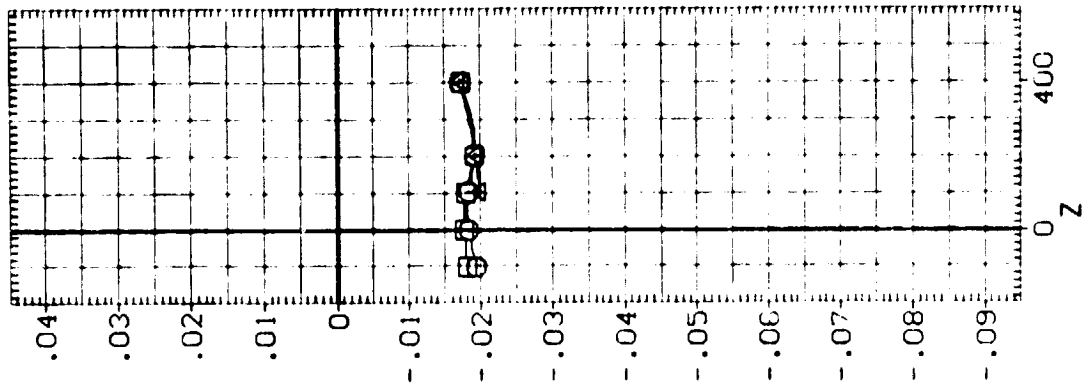
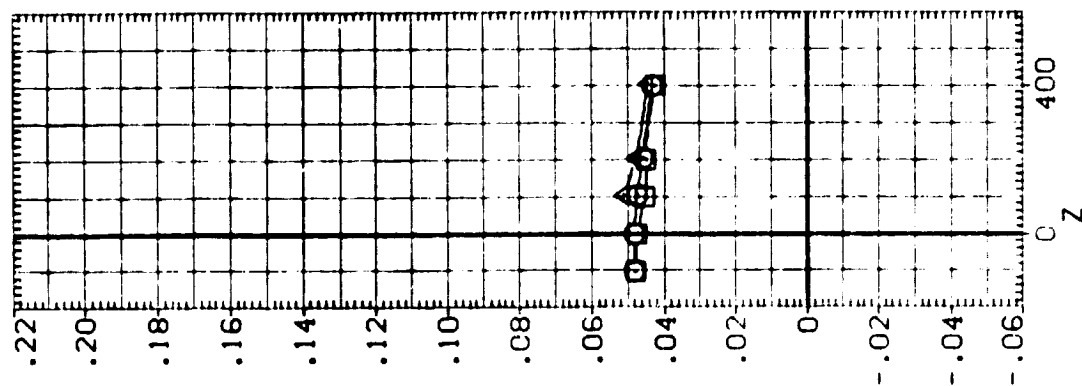
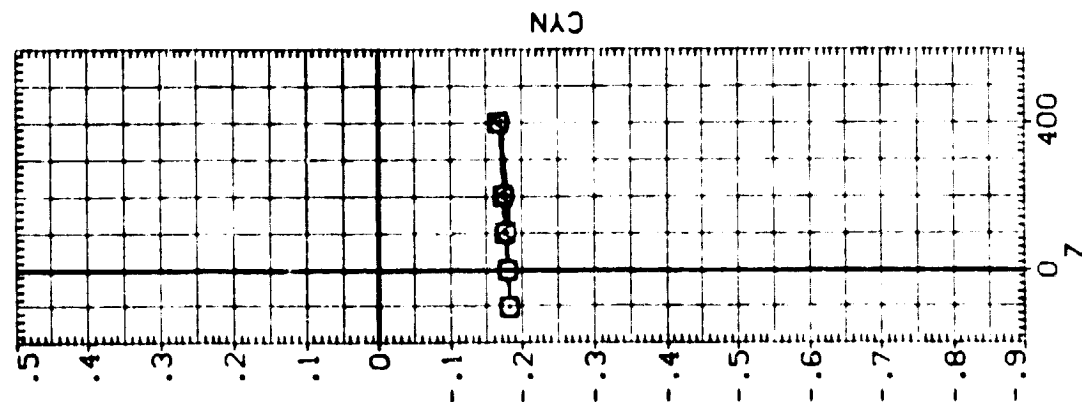


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(C)Y =200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU083) AEDC/VAS28(IA87)-O1ET1SI-OR8/ET V R/H SRB SEPAR.  
 (RTU086) AEDC/VAS28(IA87)-O1ET1SI-OR8/ET V R/H SRB SEPAR.  
 (RTU087) AEDC/VAS28(IA87)-O1ET1SI-OR8/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU083) AEDC/VAS28(IA87)-O1ET1SI-OR8/ET V R/H SRB SEPAR.  
 (RTU086) AEDC/VAS28(IA87)-O1ET1SI-OR8/ET V R/H SRB SEPAR.  
 (RTU087) AEDC/VAS28(IA87)-O1ET1SI-OR8/ET V R/H SRB SEPAR.

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1087.0000 IN. XT  
 YMRP 0.0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

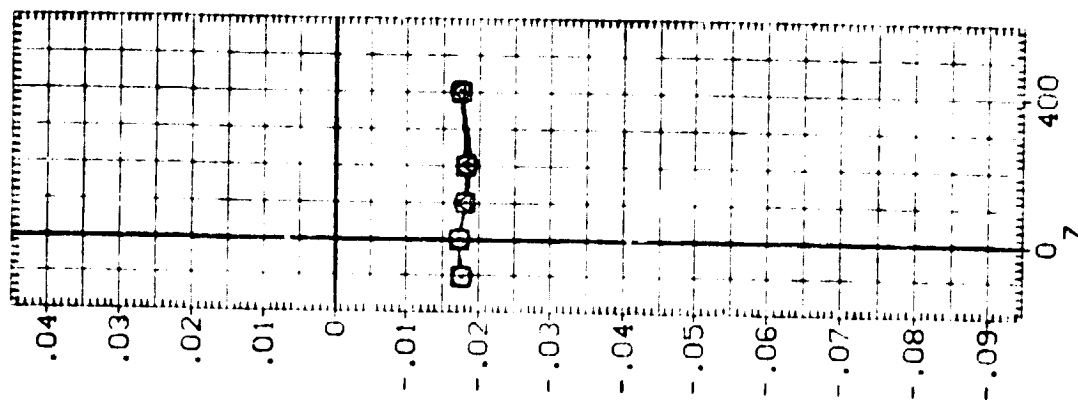
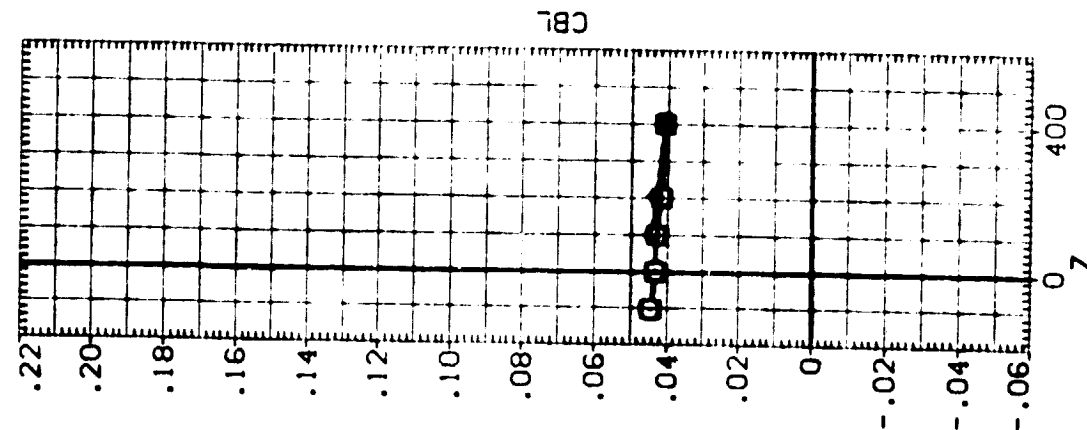
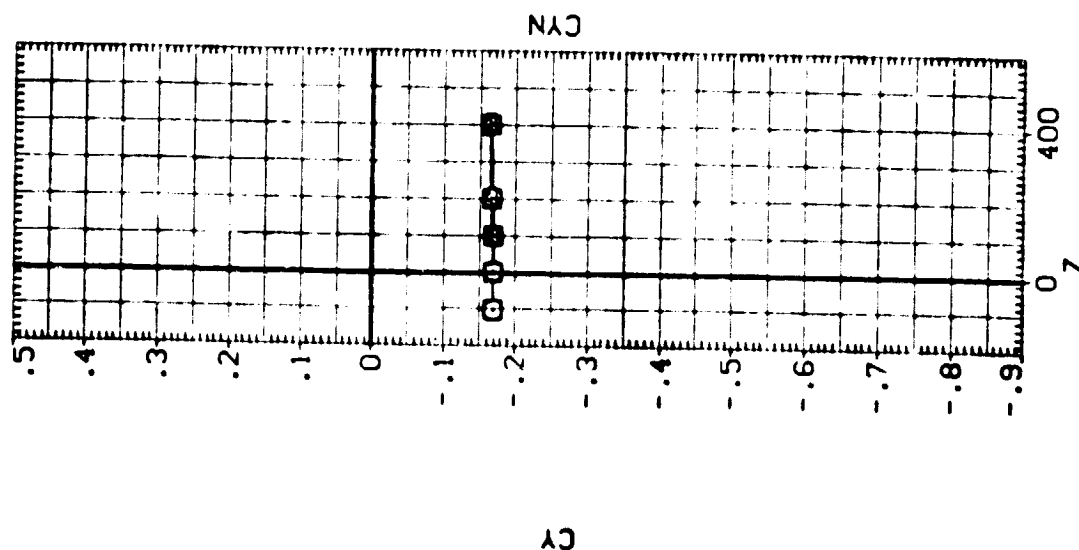


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
 (DY) =400.00



DATA SET SYMBOL  
(RTU094)  
(RTU095)  
(RTU096)

CONFIGURATION DESCRIPTION  
AEDC/VA528(1A87)-01ET151-098/ET V R/H SR8 SEPAR.  
AEDC/VA528(1A87)-01ET151-098/ET V R/H SR8 SEPAR.  
AEDC/VA528(1A87)-01ET151-098/ET V R/H SR8 SEPAR.

DALPHA DBETA X  
.000  
5.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 50.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. Y1  
YMRP .0000 IN. Y2  
ZMRP 450.0000 IN. Z3  
SCALE .0100

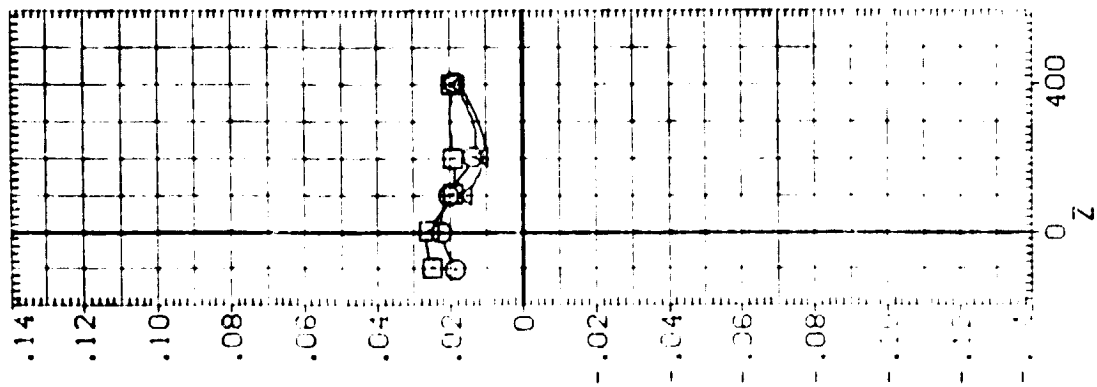
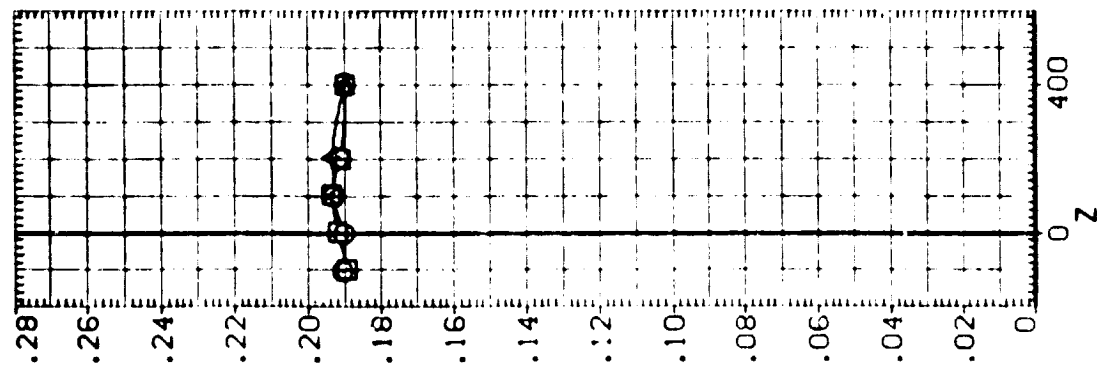
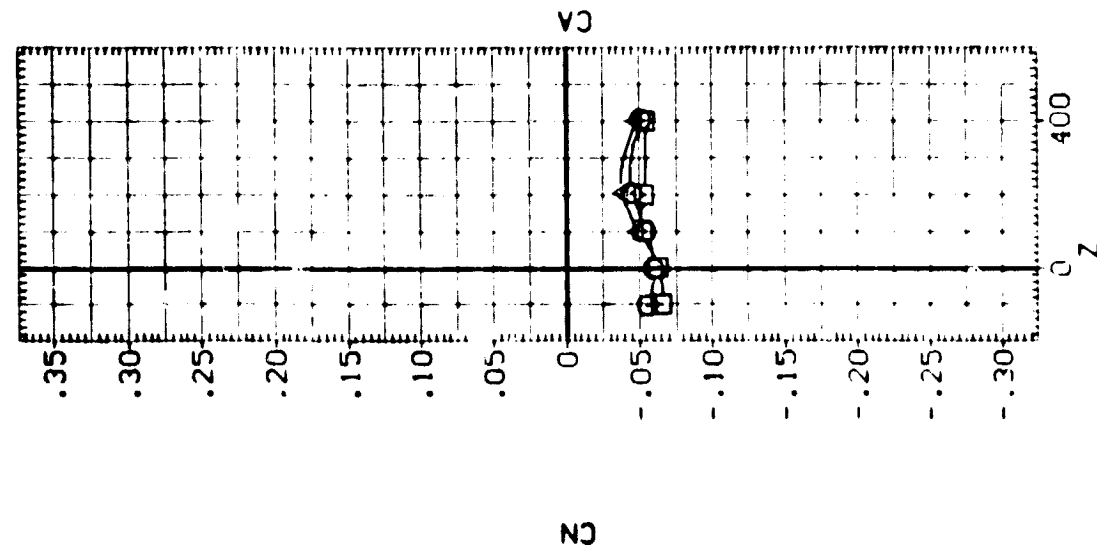


FIG.23 O/ET AERO CHARACTER W/RIGHT SR8 SEPARATING (ALPHA=0 BETA=5.4)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU094) AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 (RTU085) AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 (RTU086) AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

DALPHA DBETA X MACH REFERENCE INFORMATION  
 .000 .000 300.000 4.520 SREF 2690.0000 SO.FT.  
 .000 .000 300.000 4.520 LREF 1290.3000 INCHES  
 .000 .000 300.000 4.520 BREF 1290.3000 INCHES  
 YMRP .0000 IN. YF  
 ZMRP .0000 IN. ZF  
 SCALE 450.0000 IN. ZF  
 .0100

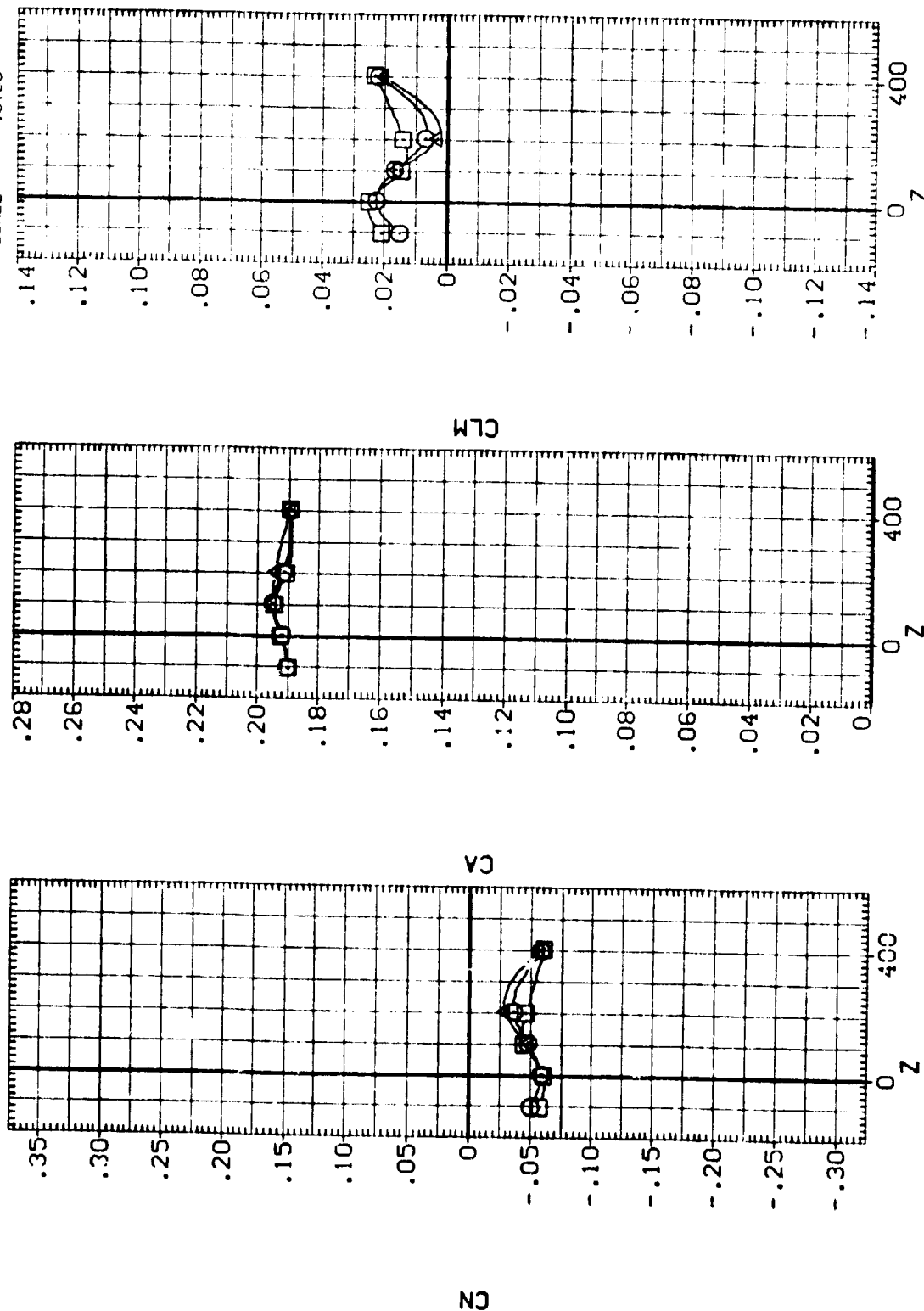


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
 (8)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU084)	AEBC/VAS28(IAB7)-01ETIS1-0RB/ET	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU085)	AEBC/VAS28(IAB7)-01ETIS1-0RB/ET	5.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU088)	AEBC/VAS28(IAB7)-01ETIS1-0RB/ET	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

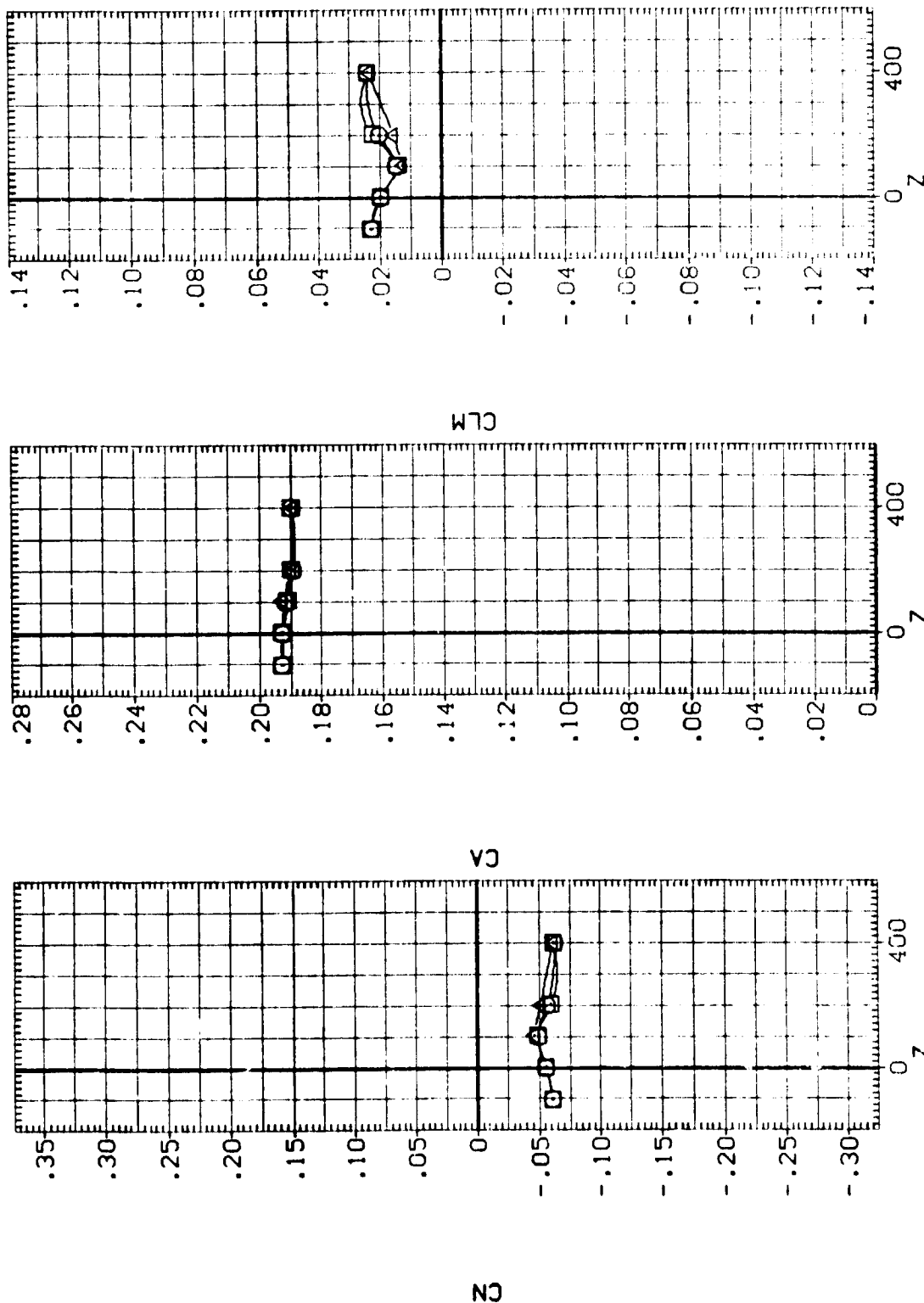


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(C)Y =200.00



( RTU084 )  
( RTU085 )  
( RTU088 )

### CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)	-O1ETIS1	-OR8/ET	V	R/H	SRB SEPAR.
AEDC/VAS28(1A87)	-O1ETIS1	-OR8/ET	V	R/H	SRB SEPAR.
AEDC/VAS28(1A87)	-O1ETIS1	-OR8/ET	V	R/H	SRB SEPAR.

DALPHA  
5.000  
5.000  
5.000

X	MACH
300.000	4.520
300.000	4.520
300.000	4.520

REFERENCE INFORMATION	
SREF	2690.0000 SQ.FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1097.6000 IN. XT
YMRP	0.0000 IN. YT
ZMRP	450.0000 IN. ZT
SCALE	.0100

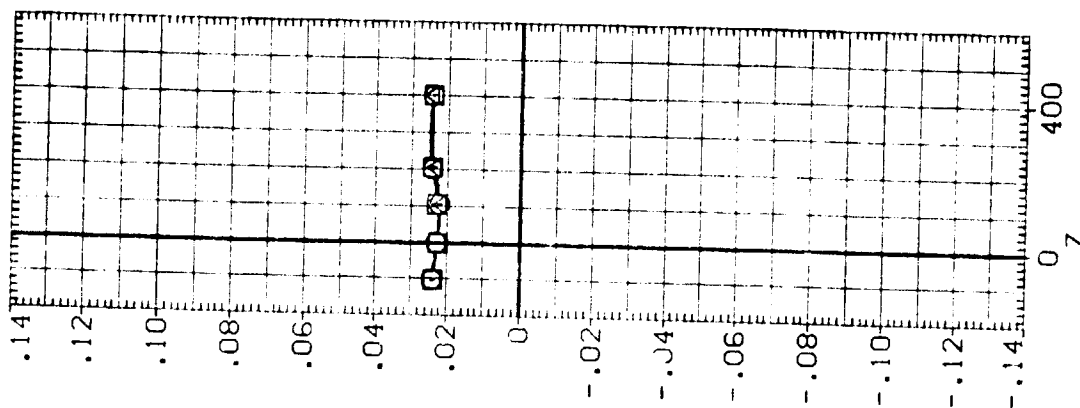
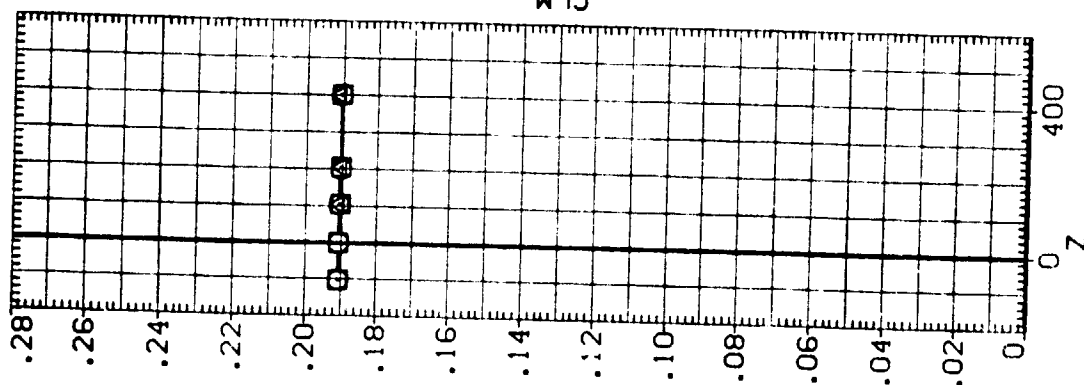
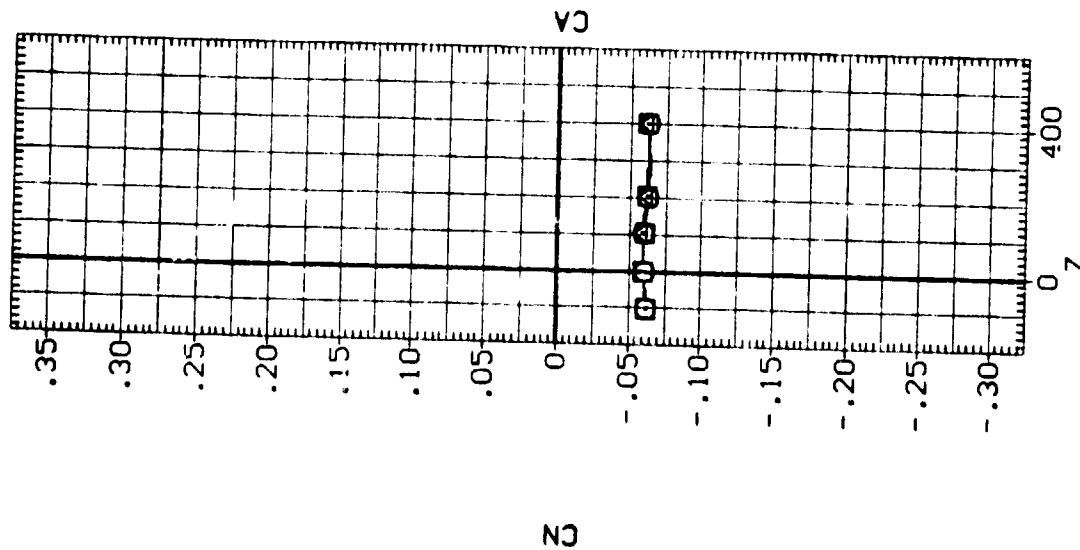


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU084)	AEDC/VA528((A87)-01ET)SI-ORRB/ET V R/H SRB SEPAR.	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU085)	AEDC/VA528((A87)-01ET)SI-ORRB/ET V R/H SRB SEPAR.	5.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU086)	AEDC/VA528((A87)-01ET)SI-ORRB/ET V R/H SRB SEPAR.	-5.000	.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. YI
						ZMRP 450.0000 IN. ZI
						SCALE .0100

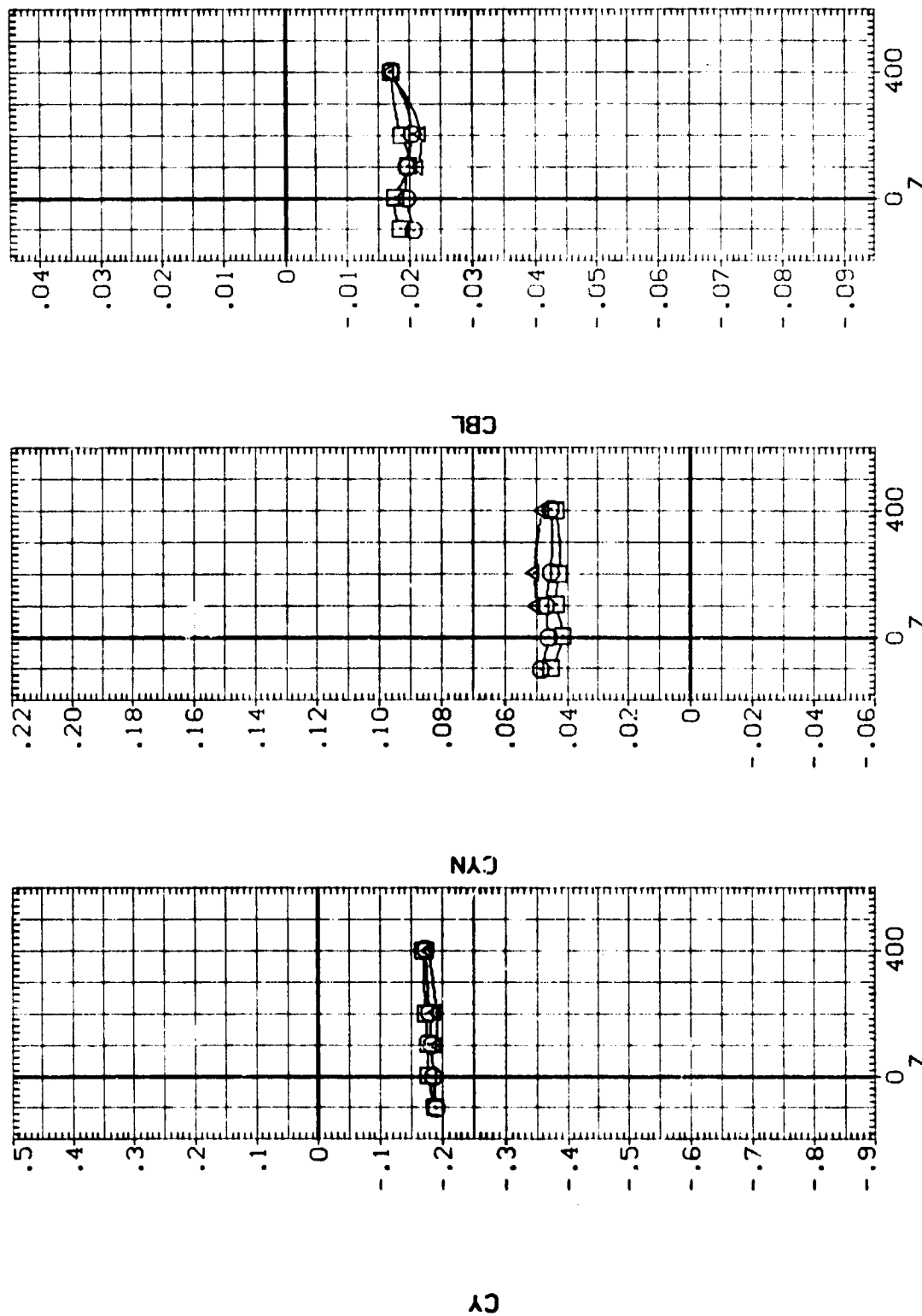


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(AJY = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU084) AEDC/VA5281(A87)-Q1ET1S1-ORB/ET V R/H SRB SEPAR.

(RTU085) AEDC/VA5281(A87)-Q1ET1S1-ORB/ET V R/H SRB SEPAR.

(RTU086) AEDC/VA5281(A87)-Q1ET1S1-ORB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.

LREF 1290.3000 INCHES

BREF 1290.3000 INCHES

XMRP 1097.0000 IN. XT

YMRP .0000 IN. YT

ZMRP 450.0000 IN. ZT

SCALE .0100

MACH 4.520

X 300.000

DBETA .000

DALPHA .000

SRB SEPAR. 5.000

SRB SEPAR. -5.000

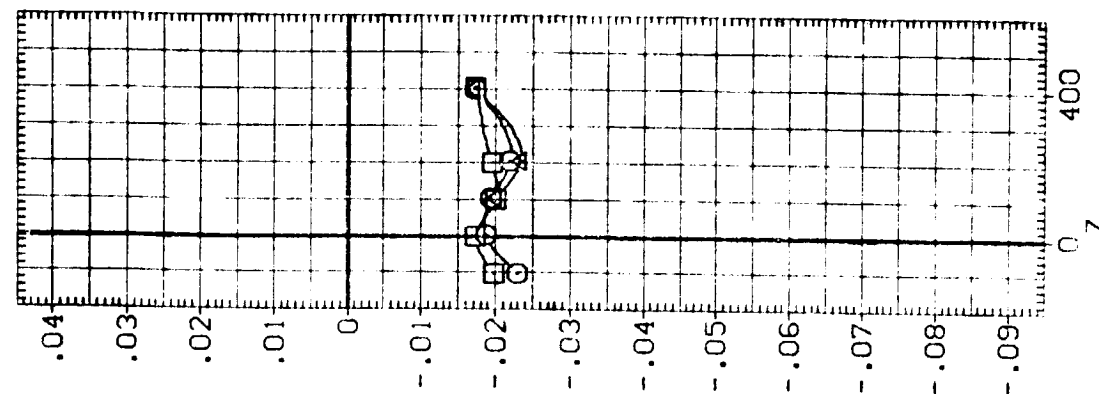
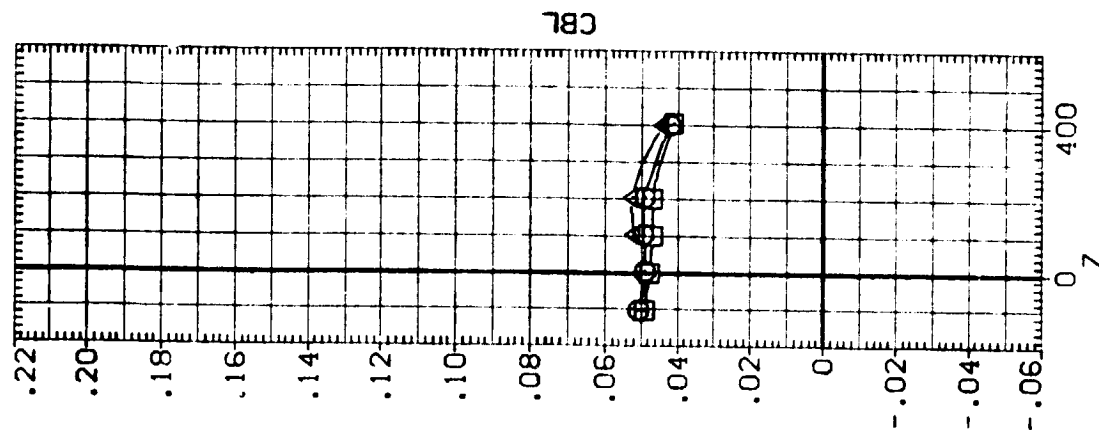
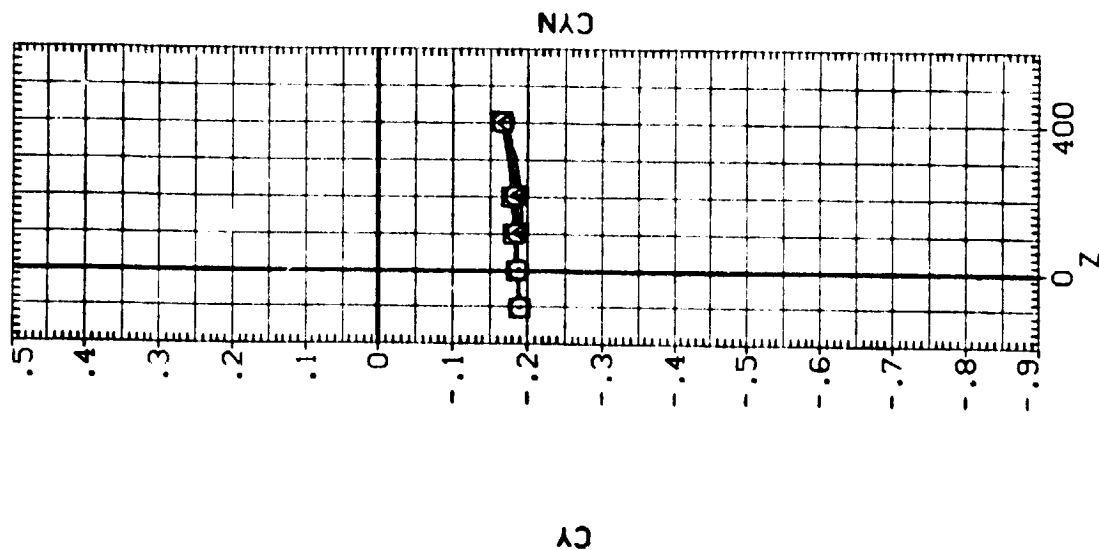


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(8)Y =100.00



DATA SET SYMBOL

(RTU094)  
(RTU095)  
(RTU098)

CONFIGURATION DESCRIPTION

AEDC/VAS28(1A97)-01ET1S1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A97)-01ET1S1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A97)-01ET1S1-OR8/ET V R/H SRB SEPAR.

DALPHA

.000  
5.000  
-5.000

DBETA

.000  
.000  
.000

X

300.000  
300.000  
300.000

MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 450.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

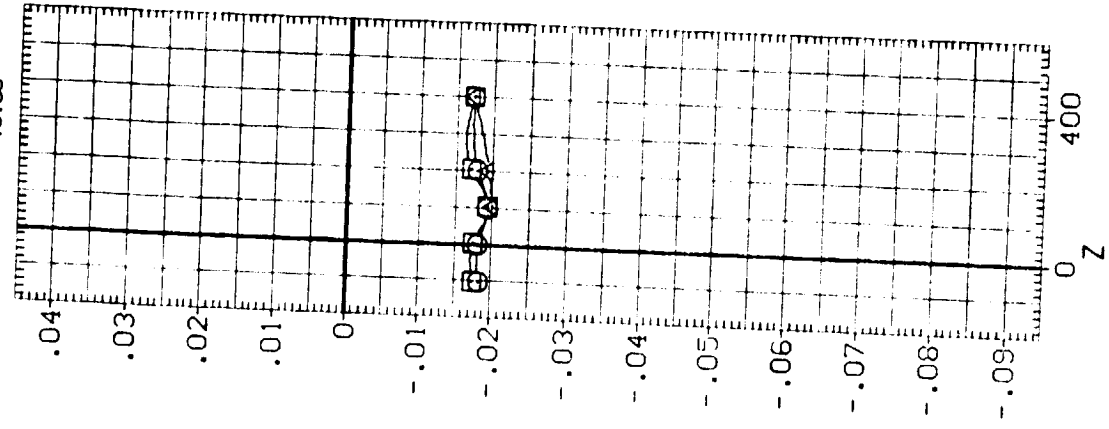
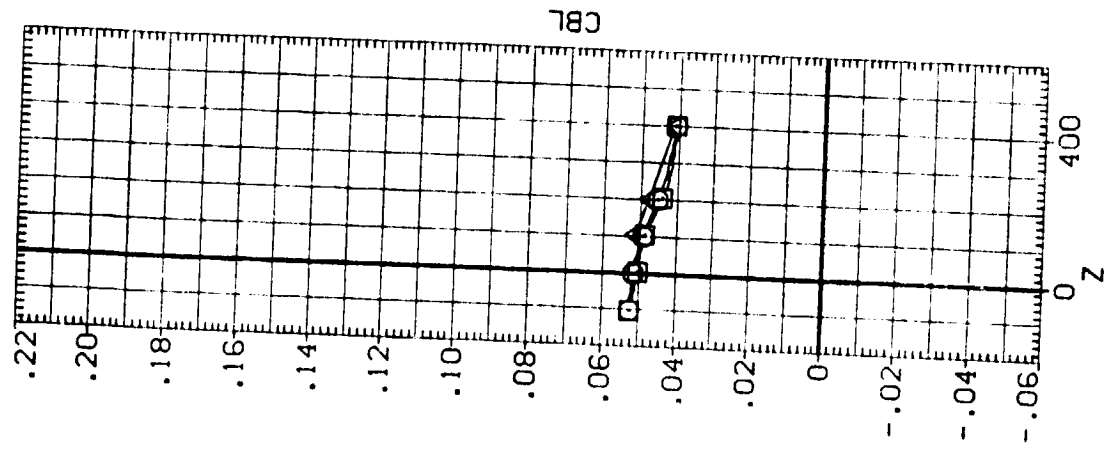
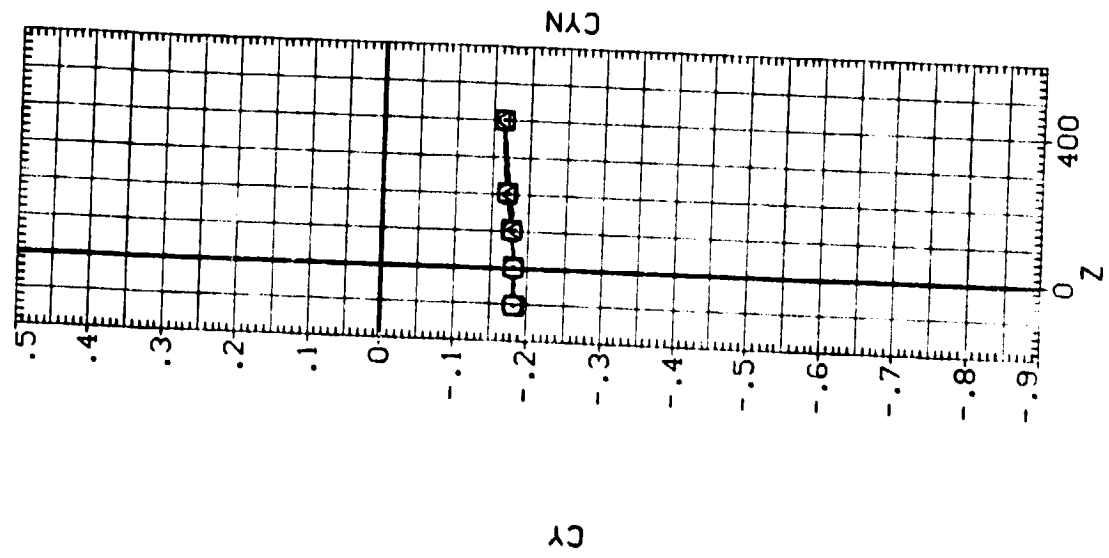


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
(C)Y =200.00

(RTU084)  
(RTU085)  
(RTU088)

DC/VA528( |A87) -0|ET|S| -OR6  
DC/VA528( |A87) -0|ET|S| -OR6  
DC/VA528( |A87) -0|ET|S| -OR6

DALPHA  
5.000  
-5.000

OBETA

X	300,000
	300,000
	300,000

MACH 4.52

REFERENCE INFORMATION	
SREF	2690.0000 SQ. FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1097.0000 IN. XT
YMRP	0000 IN. YT
ZMRP	450.0000 IN. ZT
SCALE	.0100

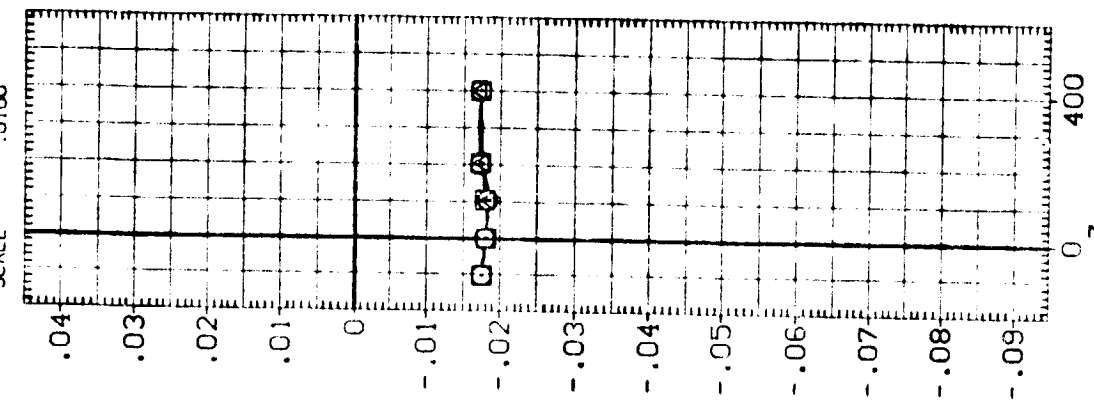
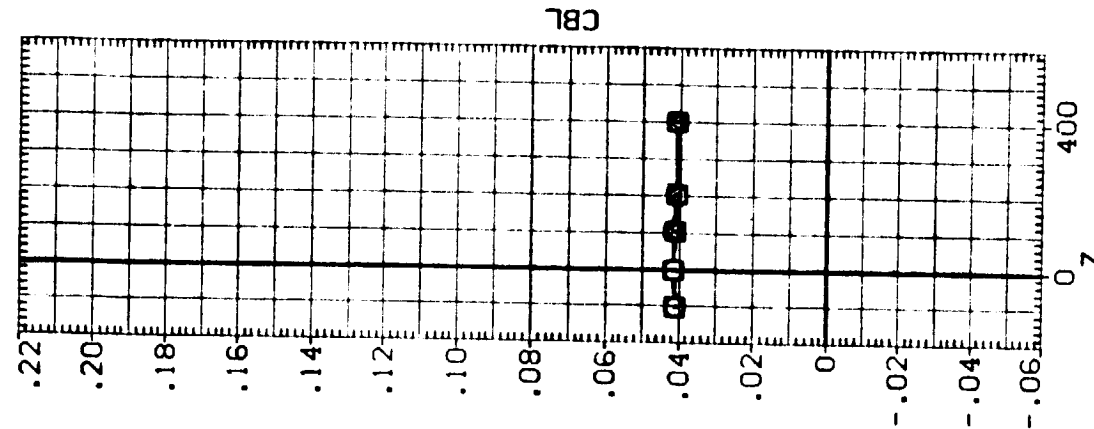
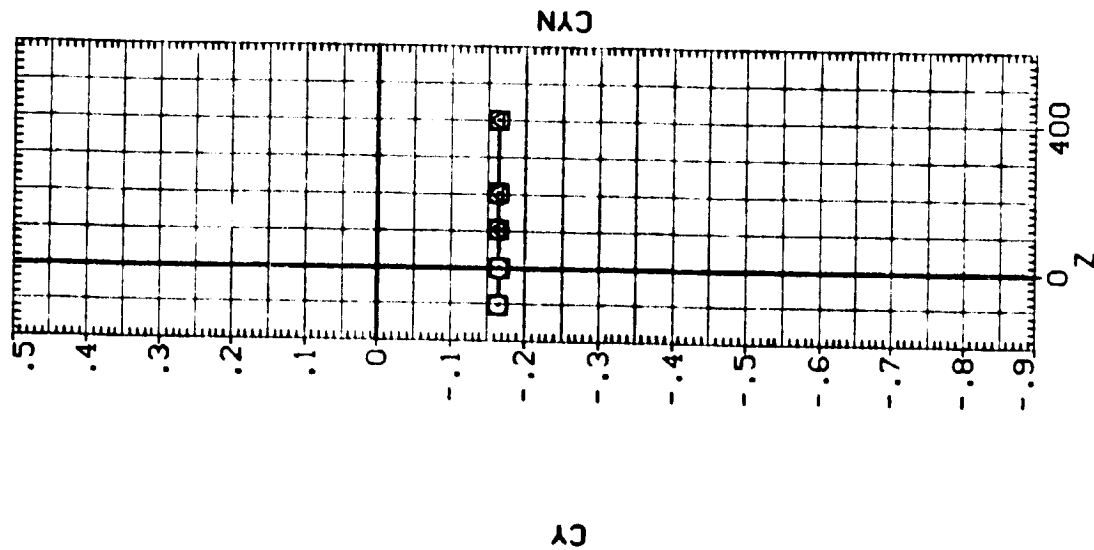


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

DATA SET SYMBOL  
(RTU089)  
(RTU092)  
(RTU093)

CONFIGURATION DESCRIPTION  
AEDC/VA528(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.  
AEDC/VA528(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.  
AEDC/VA528(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.

DALPHA DBETA X  
.000 -4.000 .000  
5.000 -4.000 .000  
-5.000 -4.000 .000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XTRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

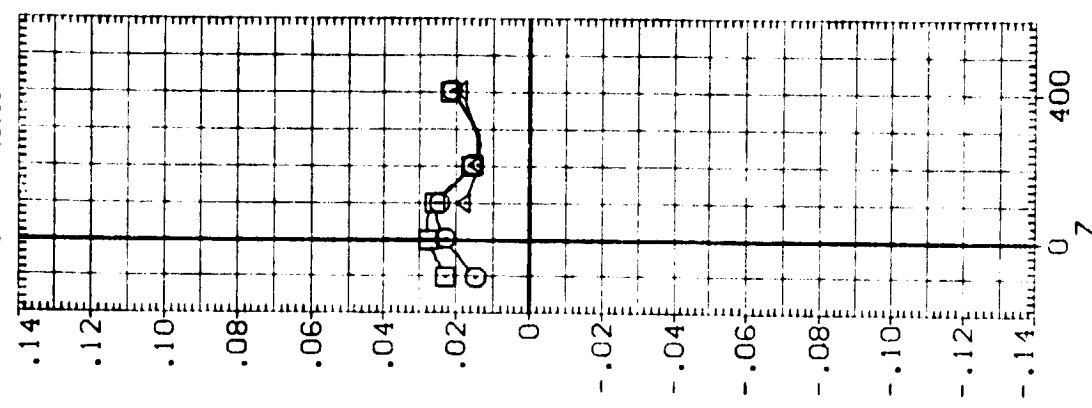
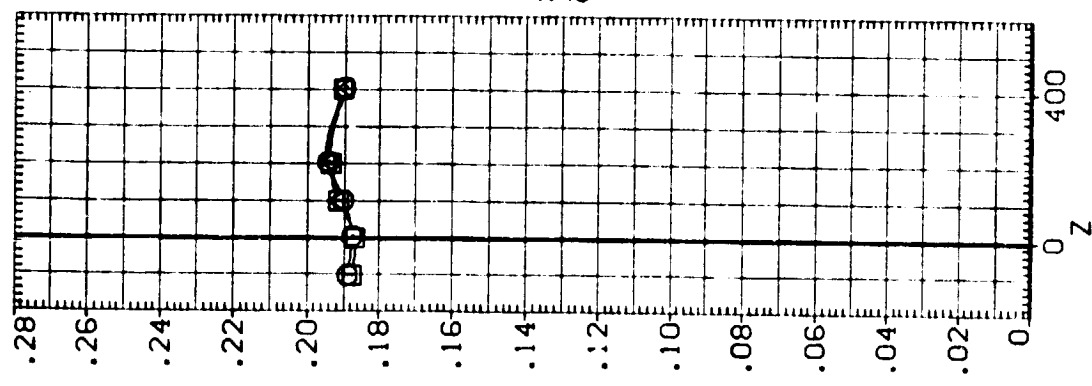
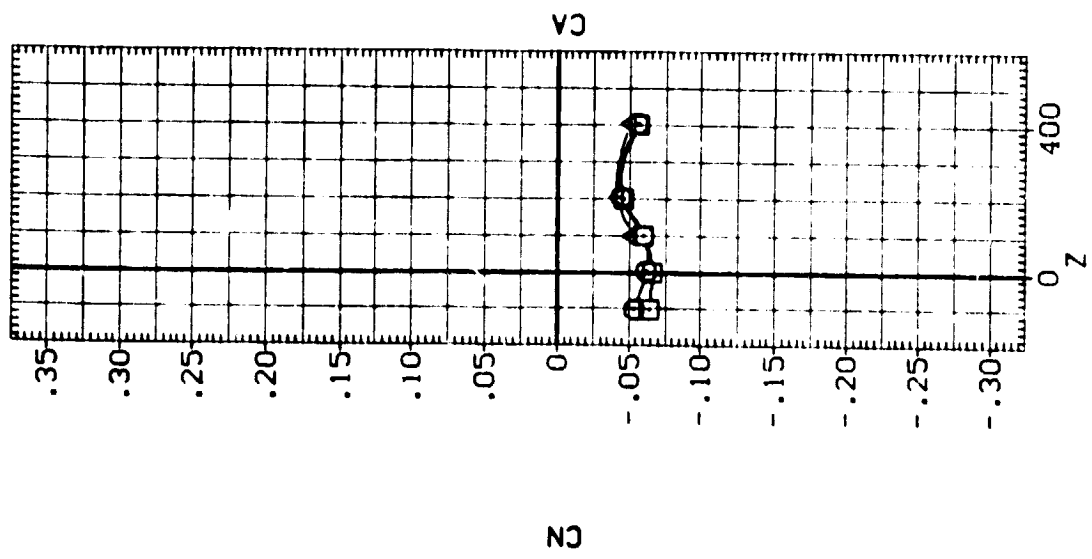


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU089)	AEDC/VAS28(1A87)-01ET1S1-098/ET	.000	-4.000	.000	4.520	SREF 2690.0000 SC FT
(RTU092)	AEDC/VAS28(1A87)-01ET1S1-098/ET	.000	-4.000	.000	4.520	LREF 1290.0000 INCHES
(RTU093)	AEDC/VAS28(1A87)-01ET1S1-098/ET	.000	-4.000	.000	4.520	UREF 1290.0000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

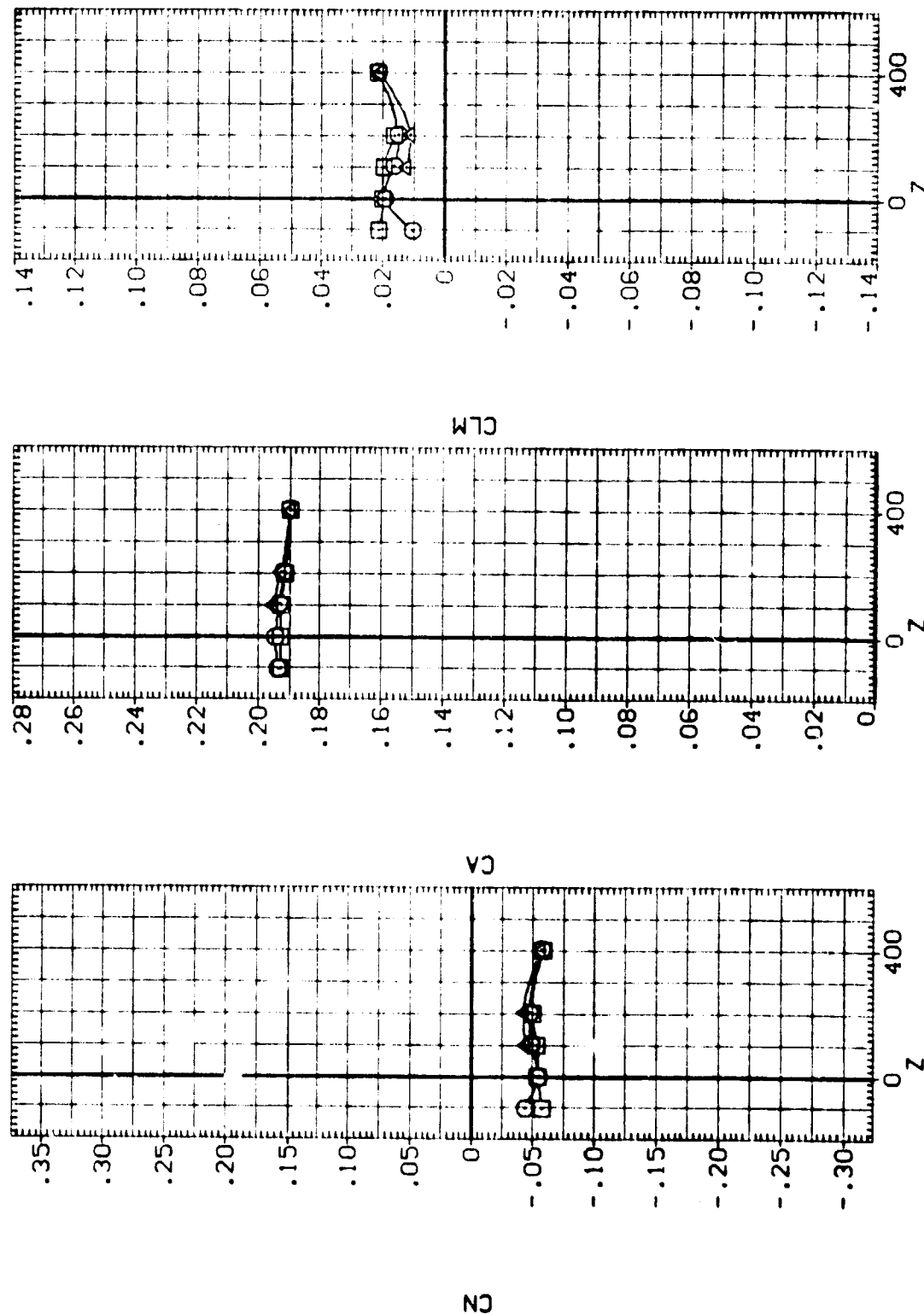


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(C)Y =200.00



DATA SET SYMBOL  
(RTU089)  
(RTU092)  
(RTU093)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET

R/H SRB SEPAR.  
R/H SRB SEPAR.  
R/H SRB SEPAR.

DALPHA DBETA X

4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

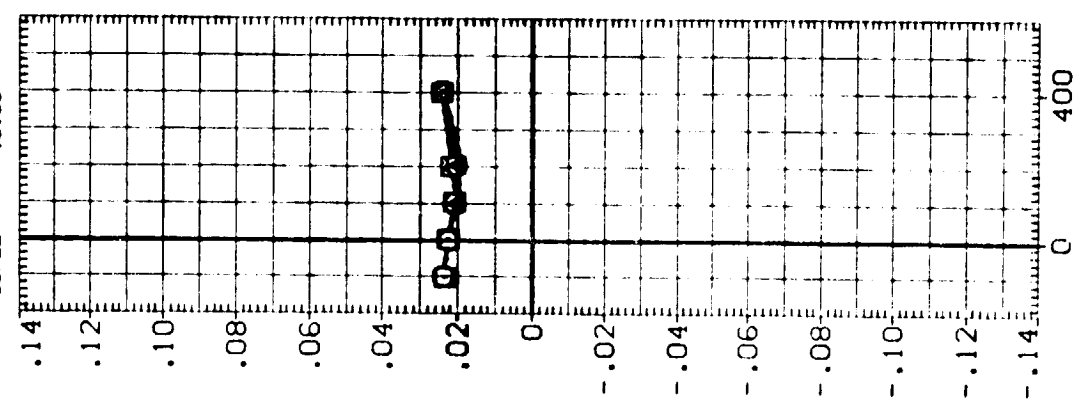
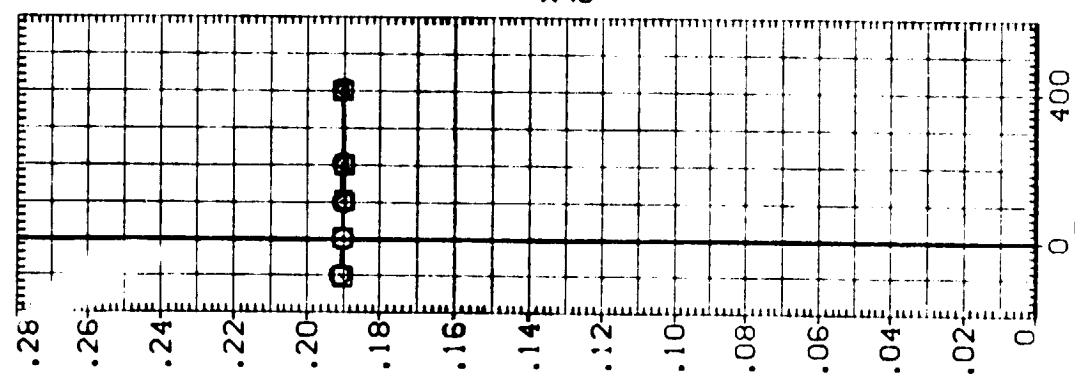
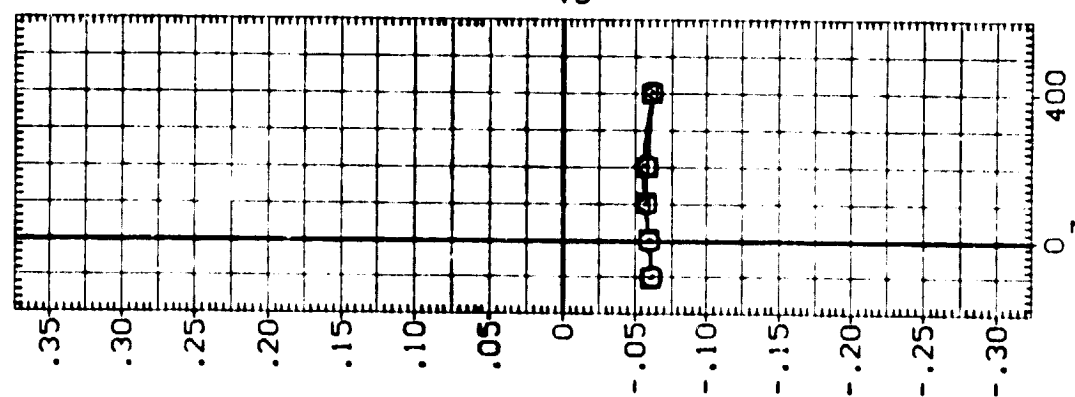


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(O)Y =400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU089)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.000	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU092)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	5.000	-4.000	.000	4.520	LREF 1290.3000 INCHES
(RTU093)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	-5.000	-4.000	.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. XT
						ZMRP .0000 IN. YT
						SCALE 450.0000 IN. ZT

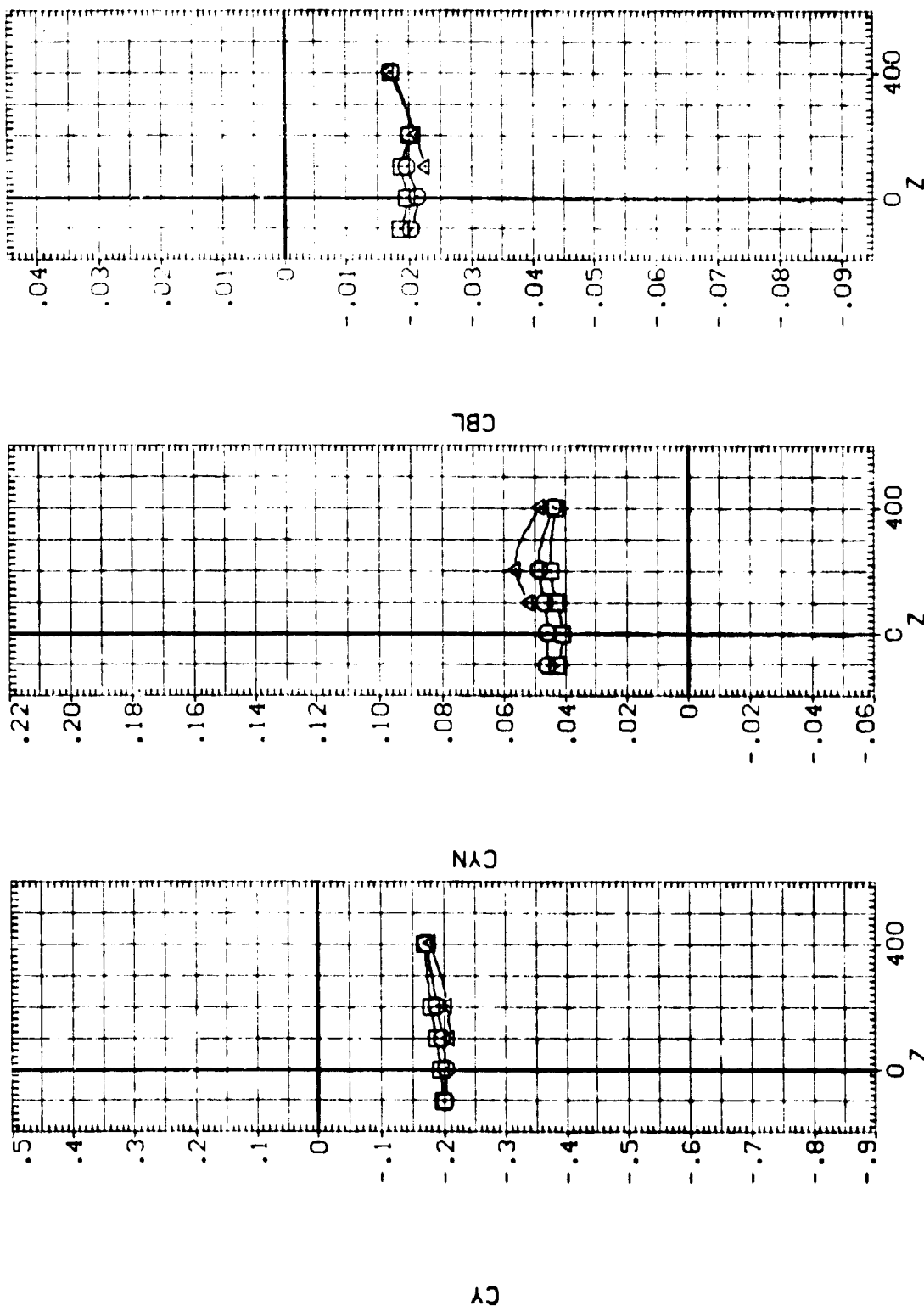


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DEETA	X	MACH	REFERENCE INFORMATION
(RTU089)	AEDC/VA528(IAB7)-O1ETIS1-OR8/ET V R/H SRB SEPAR.	.000	-4.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTU092)	AEDC/VA528(IAB7)-O1ETIS1-OR8/ET V R/H SRB SEPAR.	5.000	-4.000	.000	4.520	LREF 1290.3000 INCHES
(RTU093)	AEDC/VA528(IAB7)-O1ETIS1-OR8/ET V R/H SRB SEPAR.	-5.000	-4.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

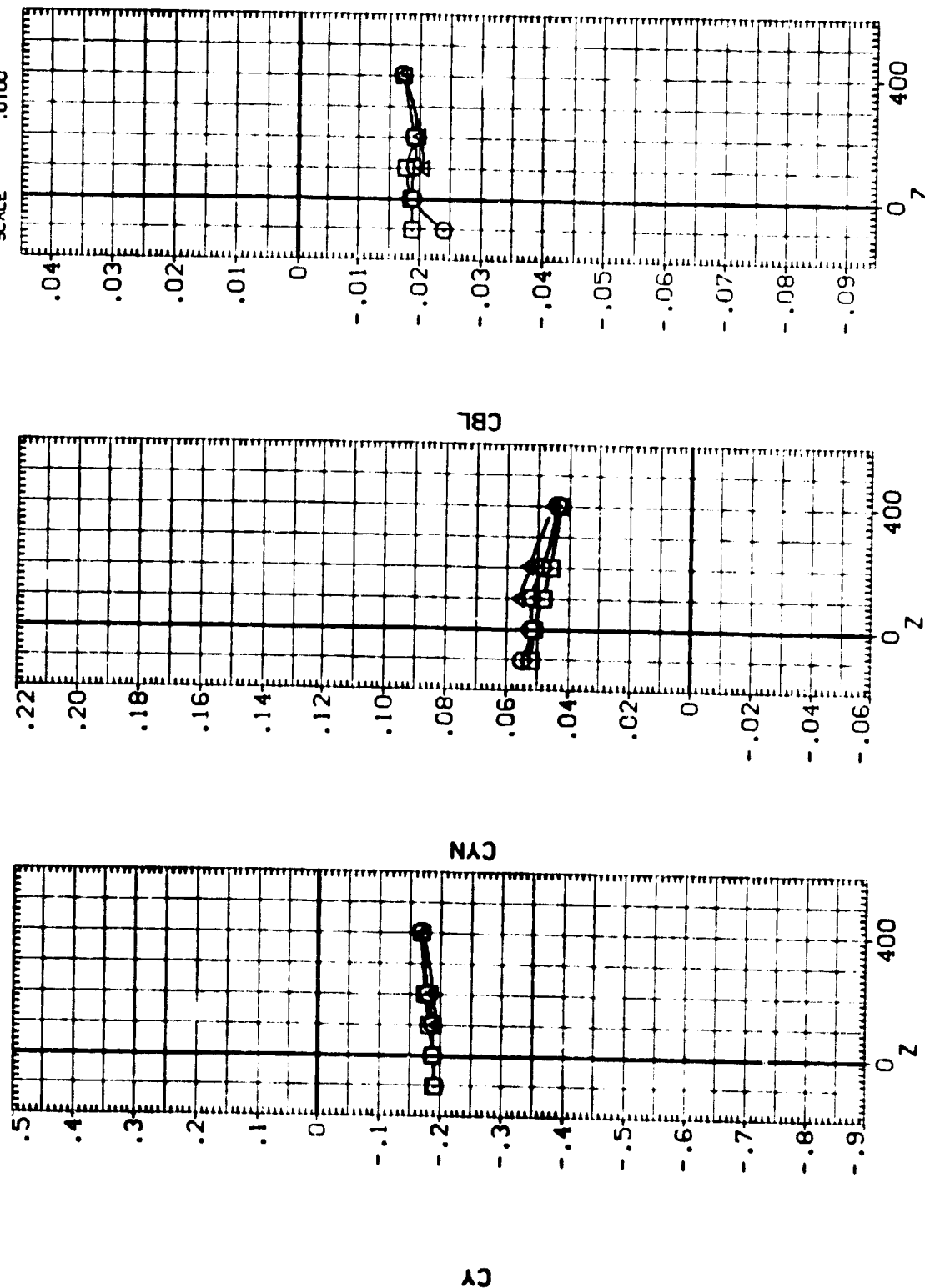


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
(C)Y =200.00

# DATA SET SYMBOL

(RTU000)  
(RTU002)  
(RTU003)

# CONFIGURATION DESCRIPTION

AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.  
AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.  
AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.

# DALPHA

0.000  
5.000  
-5.000

# X

0.000  
0.000  
0.000

# MACH

4.520  
4.520  
4.520

# REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
SREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 0.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE 0.0100

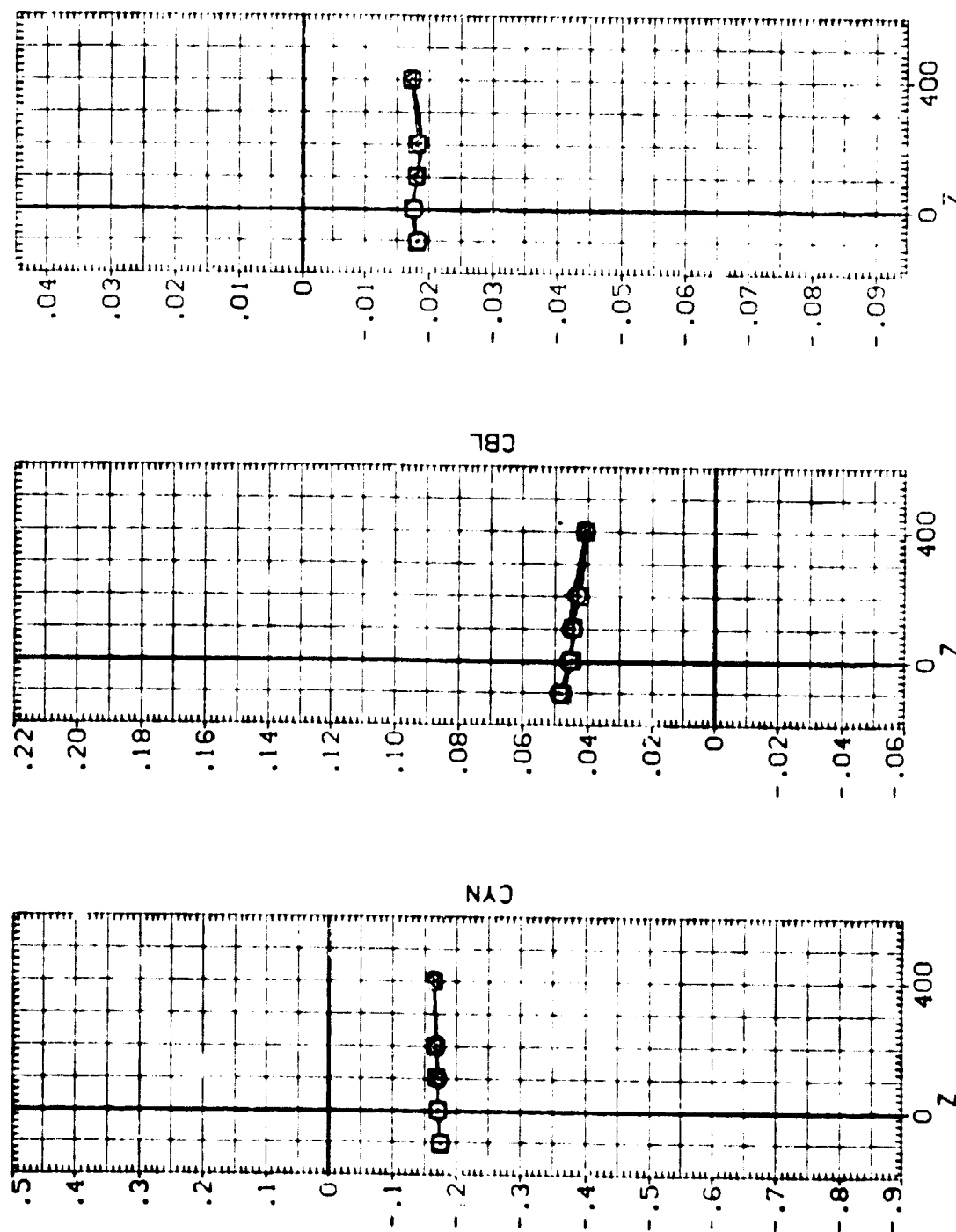


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(0)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU090)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.000	-4.000	300.000	4.520	SREF 2690.0000 50.FT.
(RTU091)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	5.000	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU094)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	-5.000	-4.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. Y1
						ZMRP .0000 IN. Y1
						SCALE 450.0000 IN. Y1
						SCALE .0100

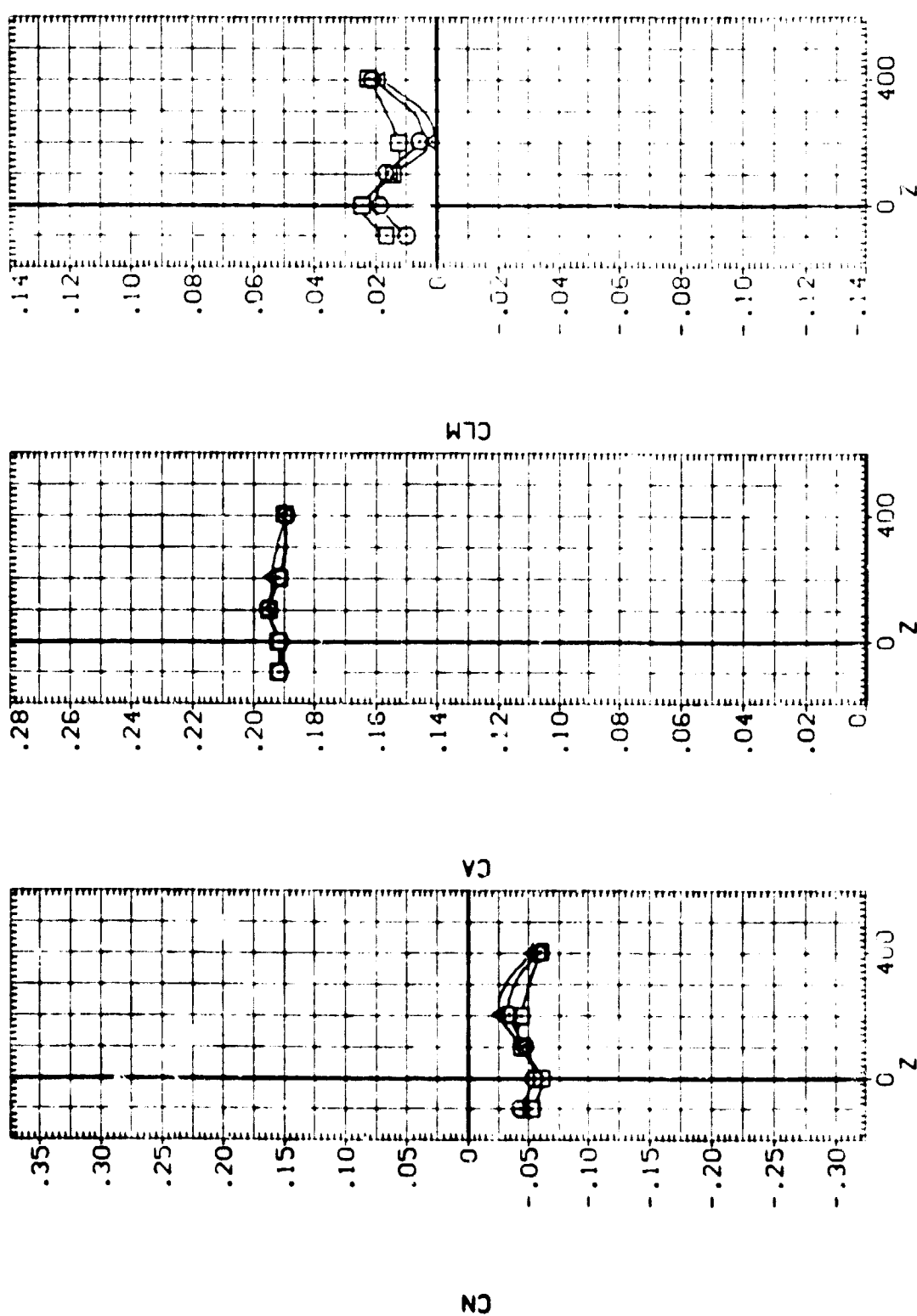


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(B)Y =100.00

DATA SET SYMBOL:  $\square$   $\Delta$   $\circ$   $\times$

CONFIGURATION DESCRIPTION

AEDC/VAS28(IAB7)-01ETIS1-OR8/ET V R/H SRB SEPAR.

AEDC/VAS28(IAB7)-01ETIS1-OR8/ET V R/H SRB SEPAR.

AEDC/VAS28(IAB7)-01ETIS1-OR8/ET V R/H SRB SEPAR.

REFERENCE INFORMATION

SREF 2650.0000 SQ. FT.

LREF 1250.3000 INCHES

XMRP 1097.0000 IN. XT

YMRP .0000 IN. YT

ZMRP 450.0000 IN. ZT

SCALE .0100

MACH 4.520

BETA -4.000

DALPHA .000

X 300.000

Y 300.000

Z 300.000

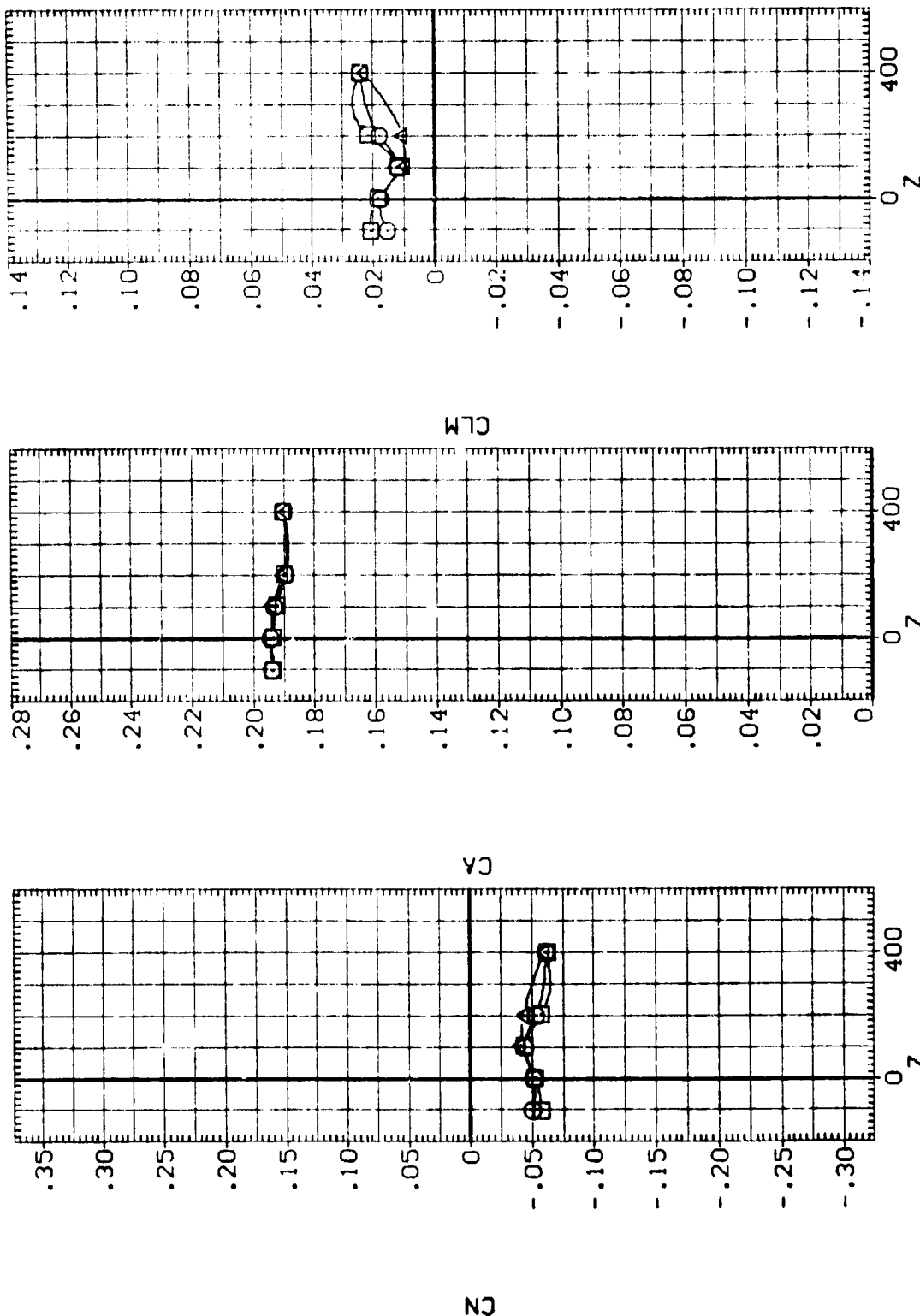


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(C)Y =200.00

DATA SET SYMBOL  
(RTU090)  
(RTU091)  
(RTU094)

CONFIGURATION DESCRIPTION  
AEDC/VA528(IAB7)-O1ET(I)-OR8/ET V R/H SR8 SEPAR.  
AEDC/VA528(IAB7)-O1ET(I)-OR8/ET V R/H SR8 SEPAR.  
AEDC/VA528(IAB7)-O1ET(I)-OR8/ET V R/H SR8 SEPAR.

DALPHA DBETA X  
.000 300.000  
5.000 300.000  
-5.000 300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

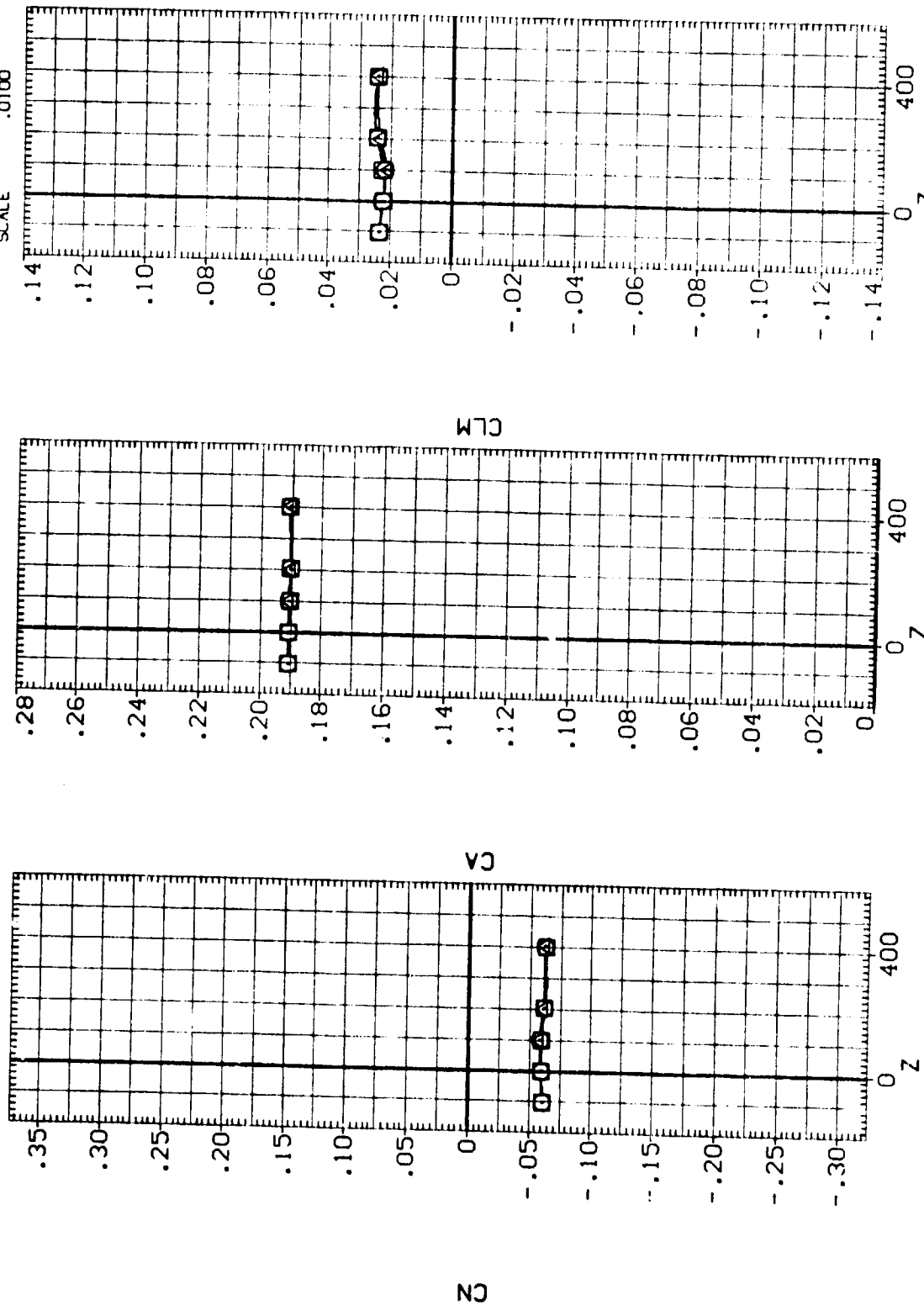


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU090)	AEDC/VA528(1A87)-01ETIS1-0RB/ET	.000	-4.000	300.000	4.520	SREF 2690.0000 SQ. FT.
(RTU091)	AEDC/VA528(1A87)-01ETIS1-0RB/ET	.000	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU094)	AEDC/VA528(1A87)-01ETIS1-0RB/ET	-5.000	-4.000	300.000	4.520	SREF 1290.3000 INCHES
						XMRP 1097.0000 IN. AT
						YMRP .0000 IN. Y
						ZMRP 450.0000 IN. Z
						SCALE .0100

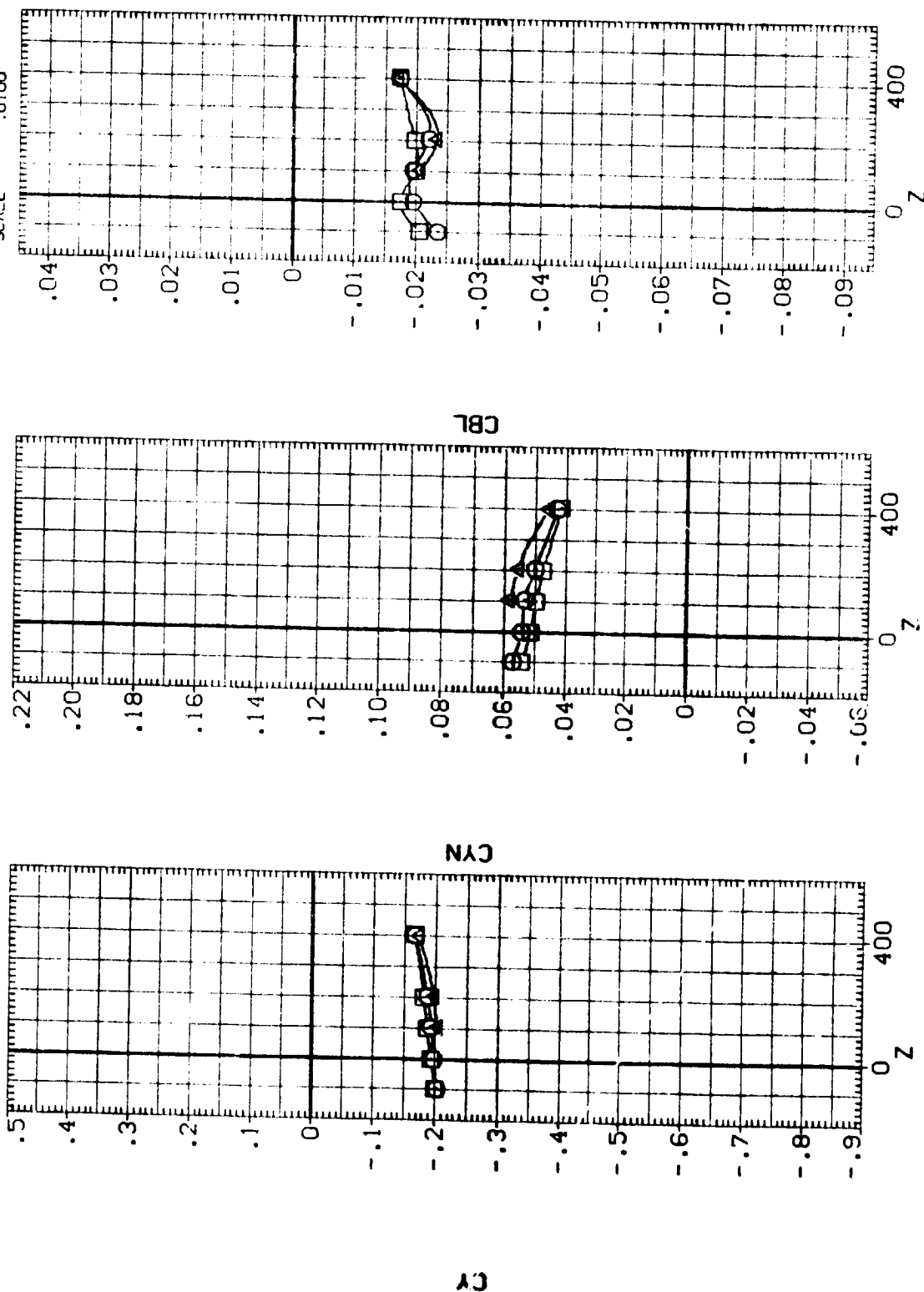


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU090)	AEDC/VAS28(1A87)-01ETIS1-ORB/ET	.000	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU091)	AEDC/VAS28(1A87)-01ETIS1-ORB/ET	.000	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU094)	AEDC/VAS28(1A87)-01ETIS1-ORB/ET	-5.000	-4.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. YI
						ZMRP .0000 IN. ZI
						SCALE 450.0000

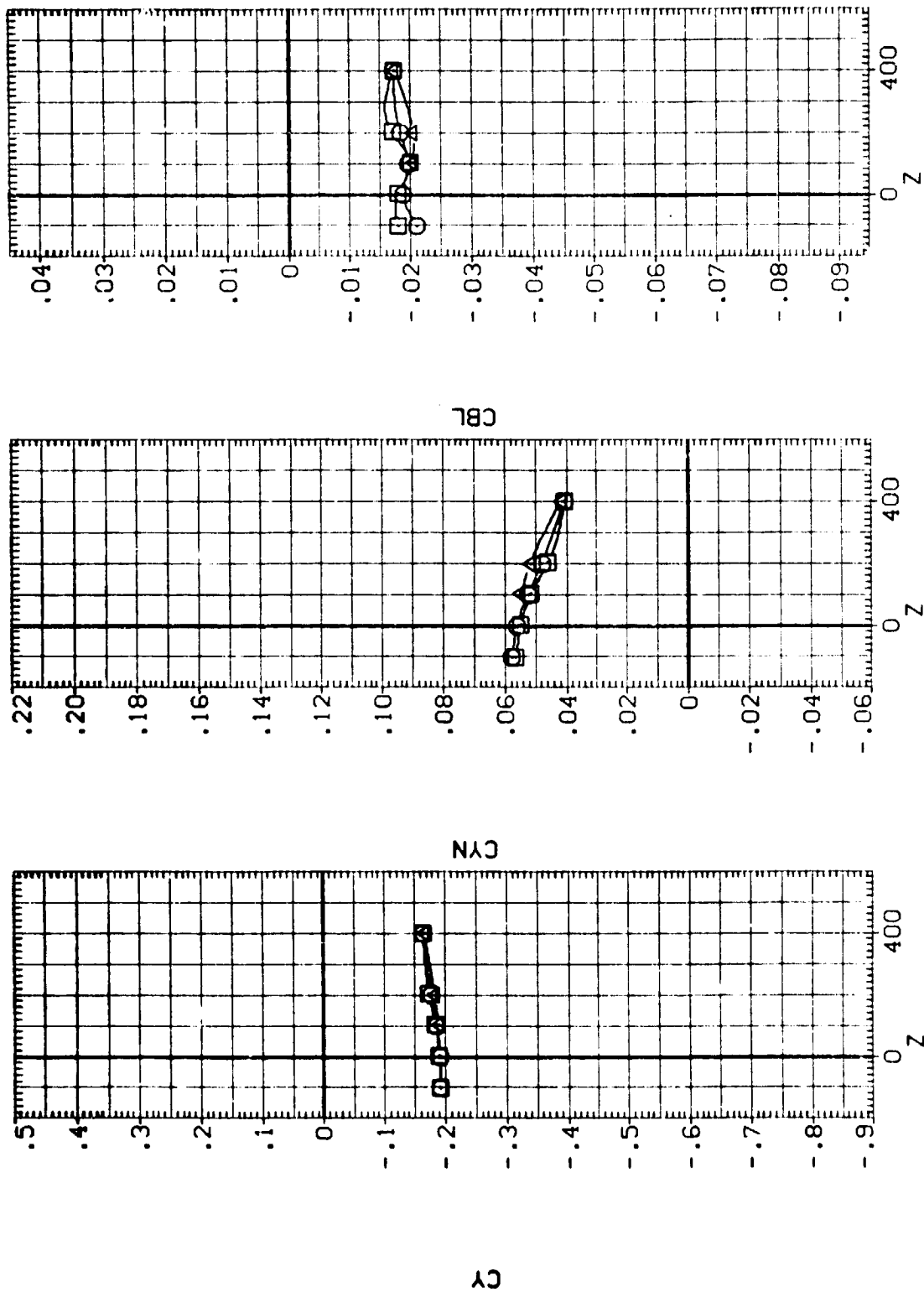


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(C)Y =200.00



DATA SET SYMBOL

(RTU090)  
(RTU091)  
(RTU094)



CONFIGURATION DESCRIPTION

AEDC/VA528((1A87))-01ETISI-OR8/ET V R/H SRB SEPAR.  
AEDC/VA528((1A87))-01ETISI-OR8/ET V R/H SRB SEPAR.  
AEDC/VA528((1A87))-01ETISI-OR8/ET V R/H SRB SEPAR.

DALPHA

.000  
5.000  
-5.000

DBETA

-4.000  
-4.000  
-4.000

X

300.000  
300.000  
300.000

MACH

4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

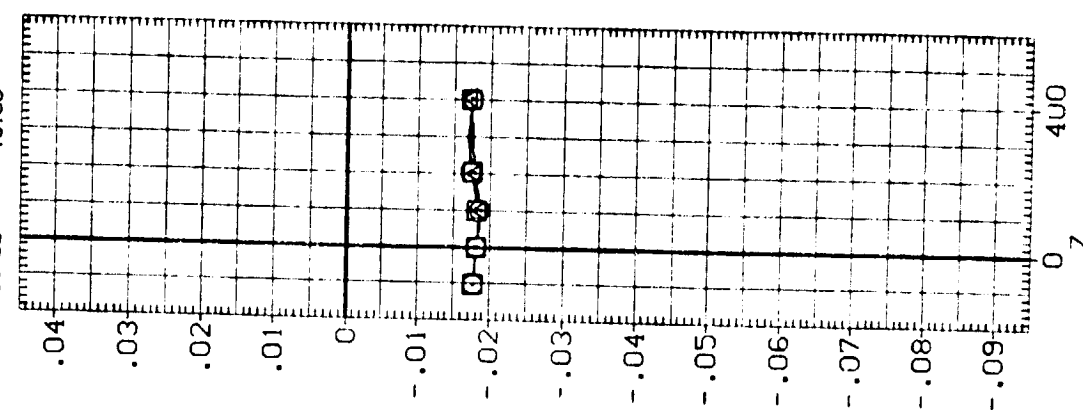
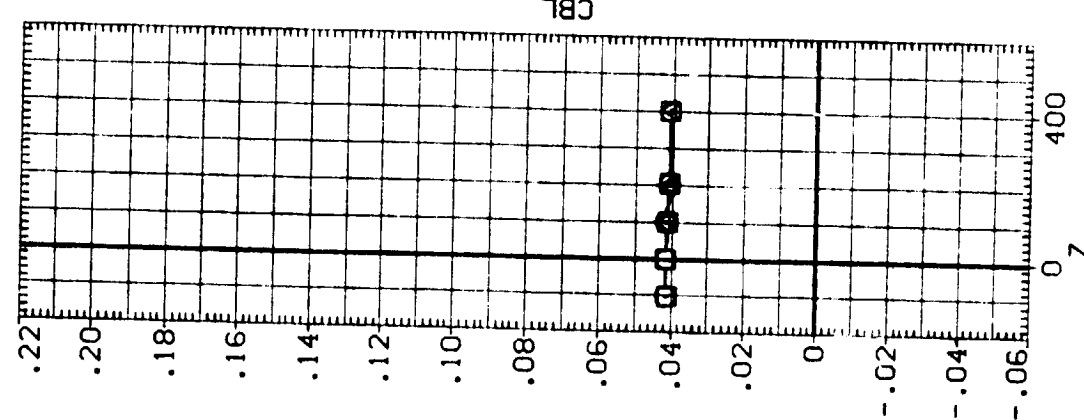
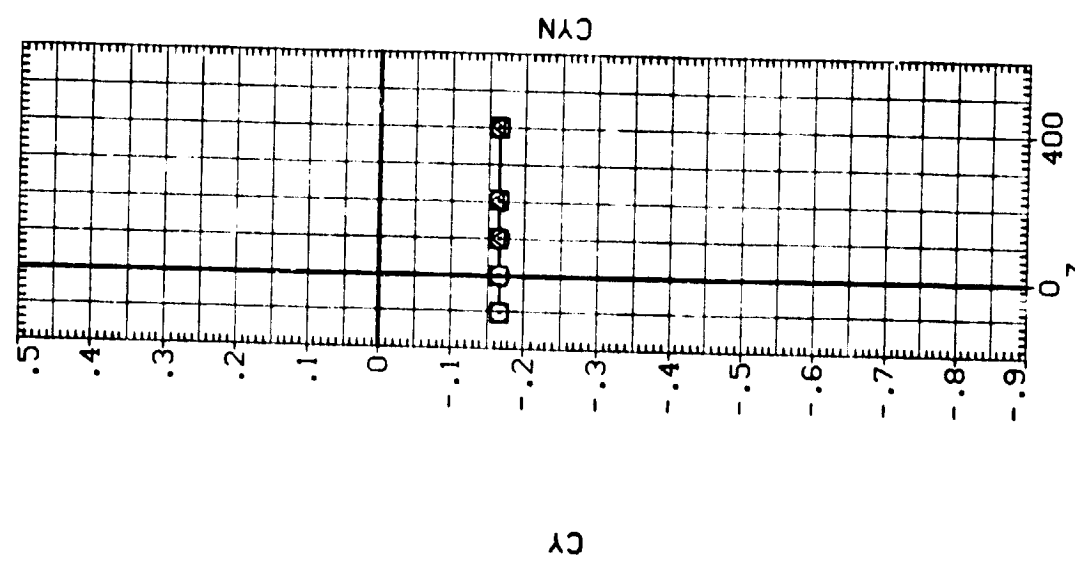


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SEPAR.	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU095)	AEBC/VAS28(1A87)-01ETIS1	SRB	.000	-9.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTU098)	AEBC/VAS28(1A87)-01ETIS1	SRB	.000	-8.000	.000	4.520	LREF 1250.3000 INCHES
(RTU099)	AEBC/VAS28(1A87)-01ETIS1	SRB	-5.000	-8.000	.000	4.520	BREF 1250.3000 IN. XT
							YMRP .0000 IN. YT
							ZMRP 450.0000 IN. ZT
							SCALE .0100

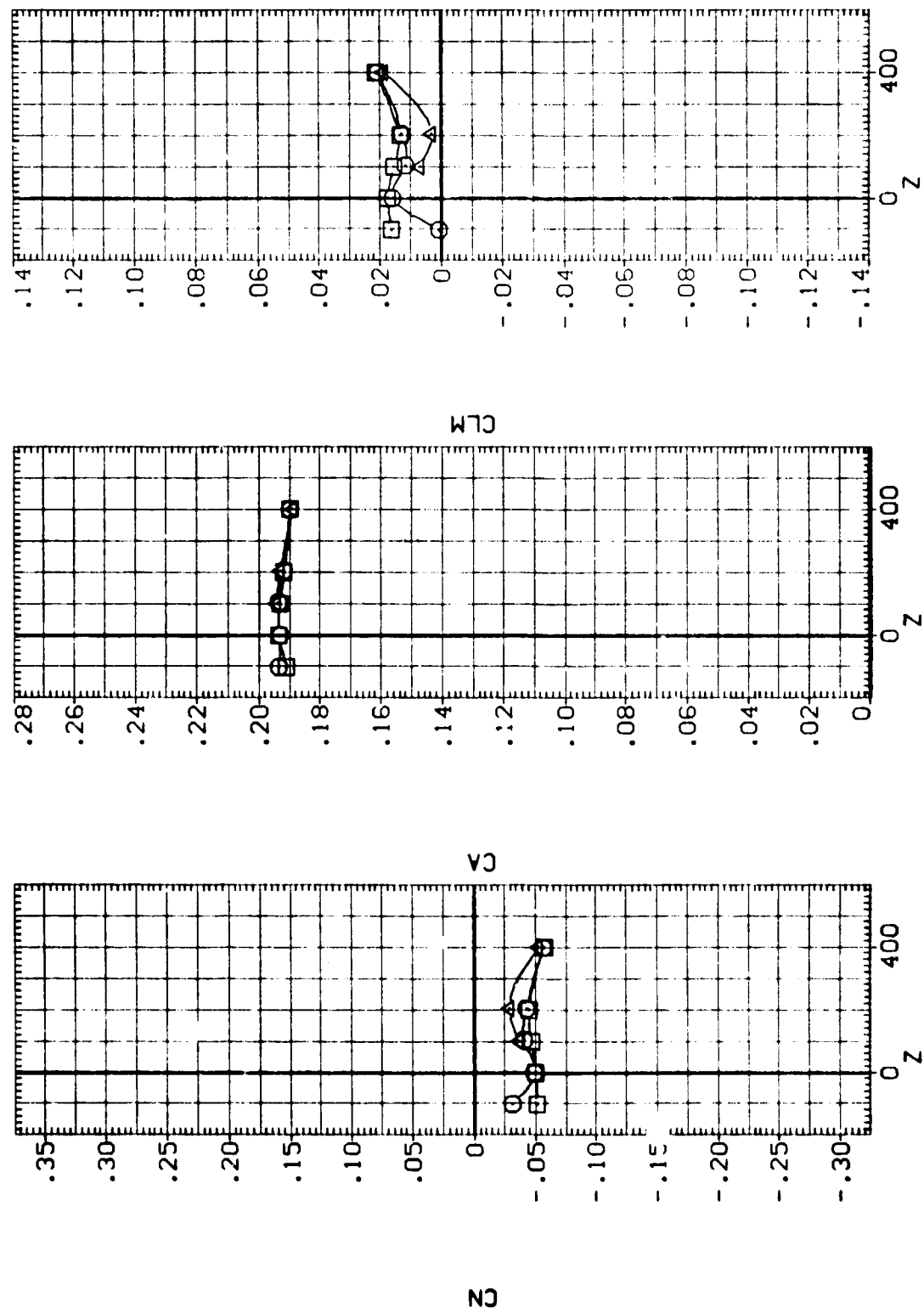


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU095)	AEDC/VA528([A87]-01ETIS)-ORB/ET V R/H SRB SEPAR.	.000	-8.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTU096)	AEDC/VA528([A87]-01ETIS)-ORB/ET V R/H SRB SEPAR.	.000	-8.000	.000	4.520	LREF 1290.3000 INCHES
(RTU099)	AEDC/VA528([A87]-01ETIS)-ORB/ET V R/H SRB SEPAR.	.000	-8.000	.000	4.520	BREF 1290.3000 INCHES
						YMRP .0000 IN. YT
						ZMRP .0000 IN. ZT
						SCALE .0100

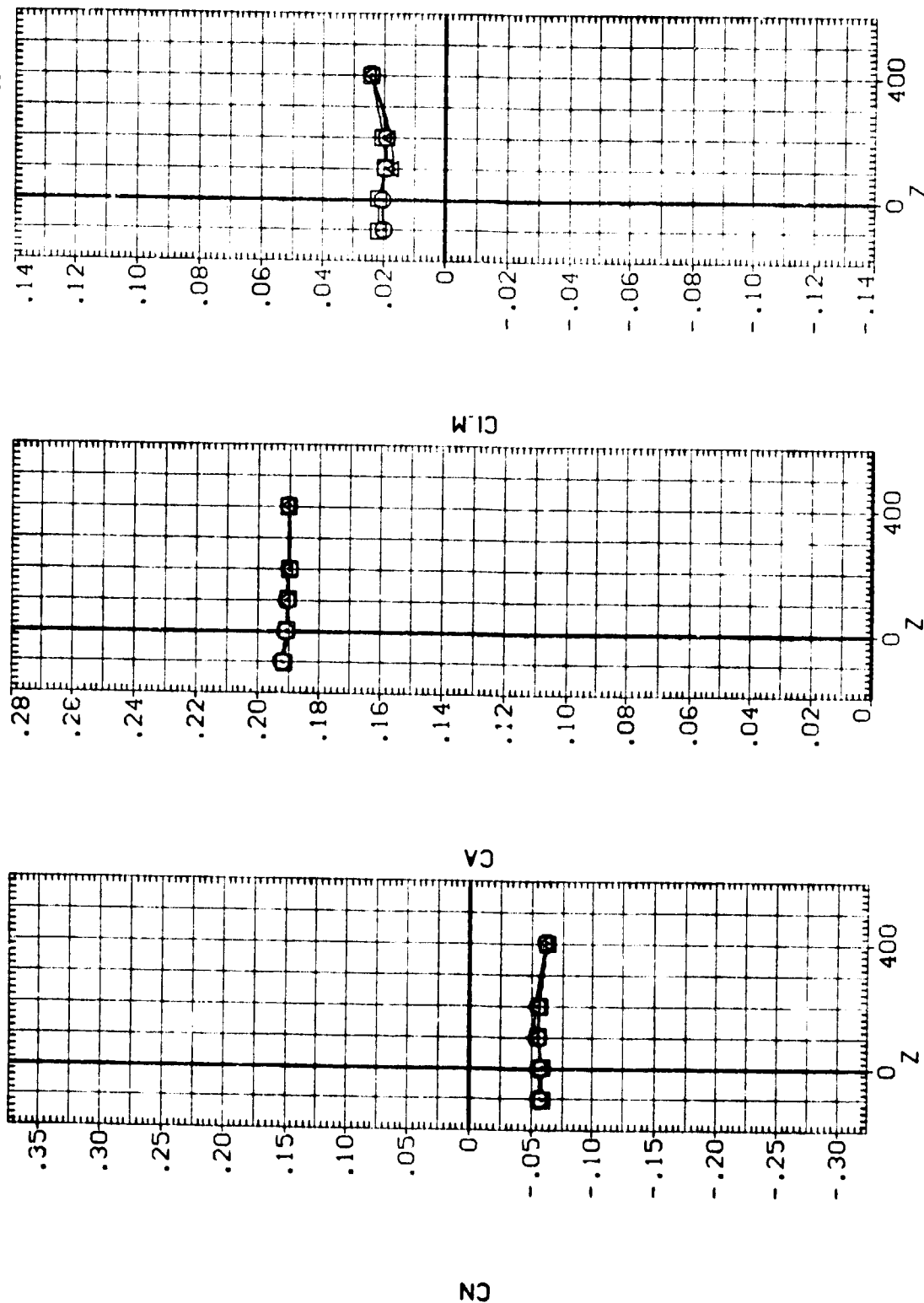


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DELTA	DBETA	MACH	REFERENCE INFORMATION
(RTU095)	AEDC/VAS28(IAB7)-O1ETIS1-0RB/ET	.000	-8.000	4.520	SREF 2690.0000 SQ.FT.
(RTU098)	AEDC/VAS28(IAB7)-O1ETIS1-0RB/ET	.000	-8.000	4.520	LREF 1290.3000 INCHES
(RTU099)	AEDC/VAS28(IAB7)-O1ETIS1-0RB/ET	-5.000	-8.000	4.520	BREF 1290.3000 INCHES
					XMRP 1097.0000 IN. XT
					YMRP .0000 IN. YT
					ZMRP 450.0000 IN. ZT
					SCALE .0100

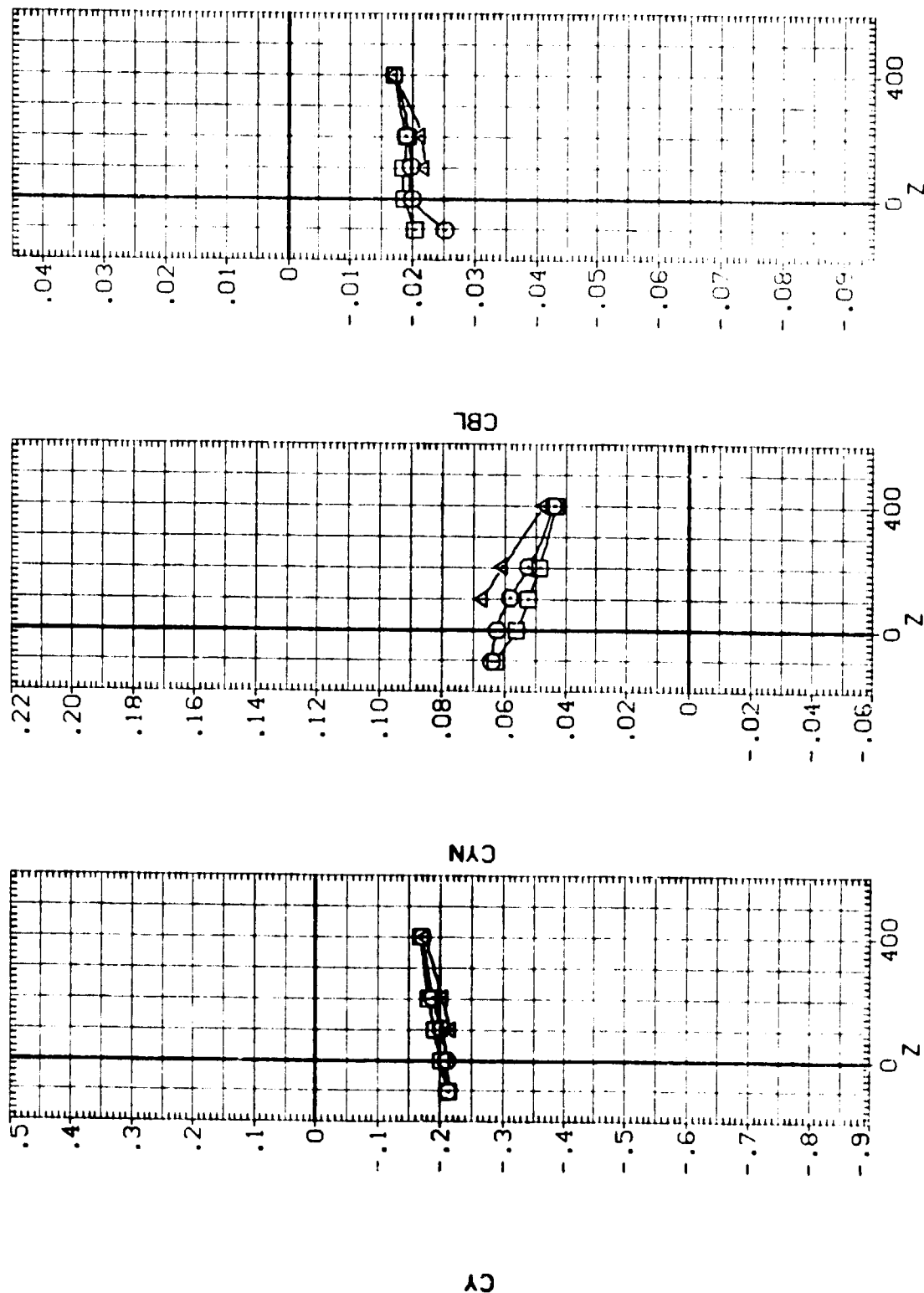


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(C)Y =200.00

DATA SET SYMBOL: (RTU095) (RTU096) (RTU099)

CONFIGURATION DESCRIPTION:  
 AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION:  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

MACH 4.520  
 X .000  
 DBETA -8.000  
 DALPHA .000  
 SRB SEPAR. 5.000  
 SRB SEPAR. -5.000

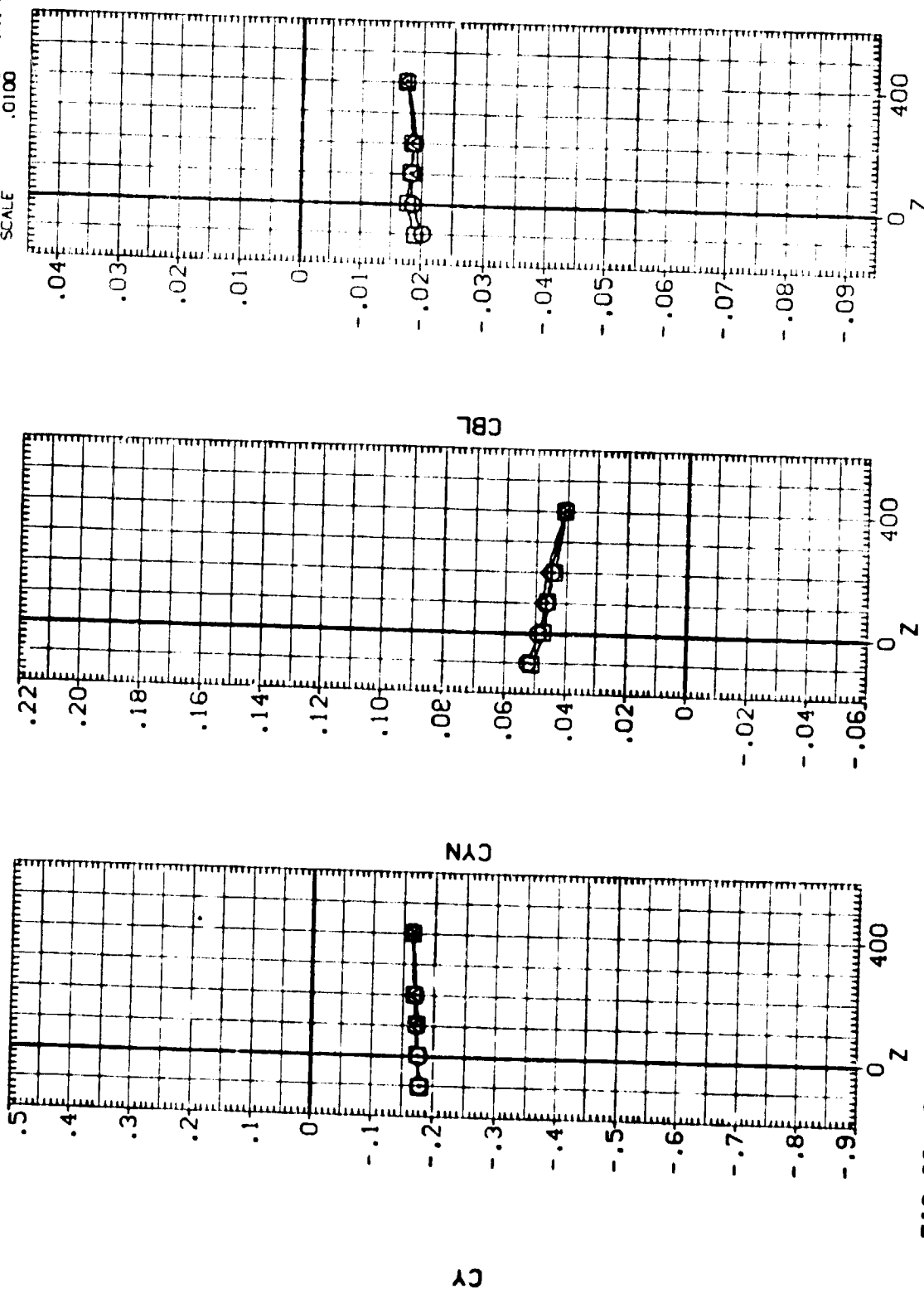


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)  
 (D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU096)	AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.	.000	-8.000	300.000	4.520	SREF 2630.0000 SO.FT.
(RTU097)	AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.	5.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU100)	AEDC/VAS28(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.	-5.000	-8.000	300.000	4.520	SREF 1290.3000 INCHES
						YMRP 1097.0000 IN. YI
						ZMRP 450.0000 IN. ZI
						SCALE .0100

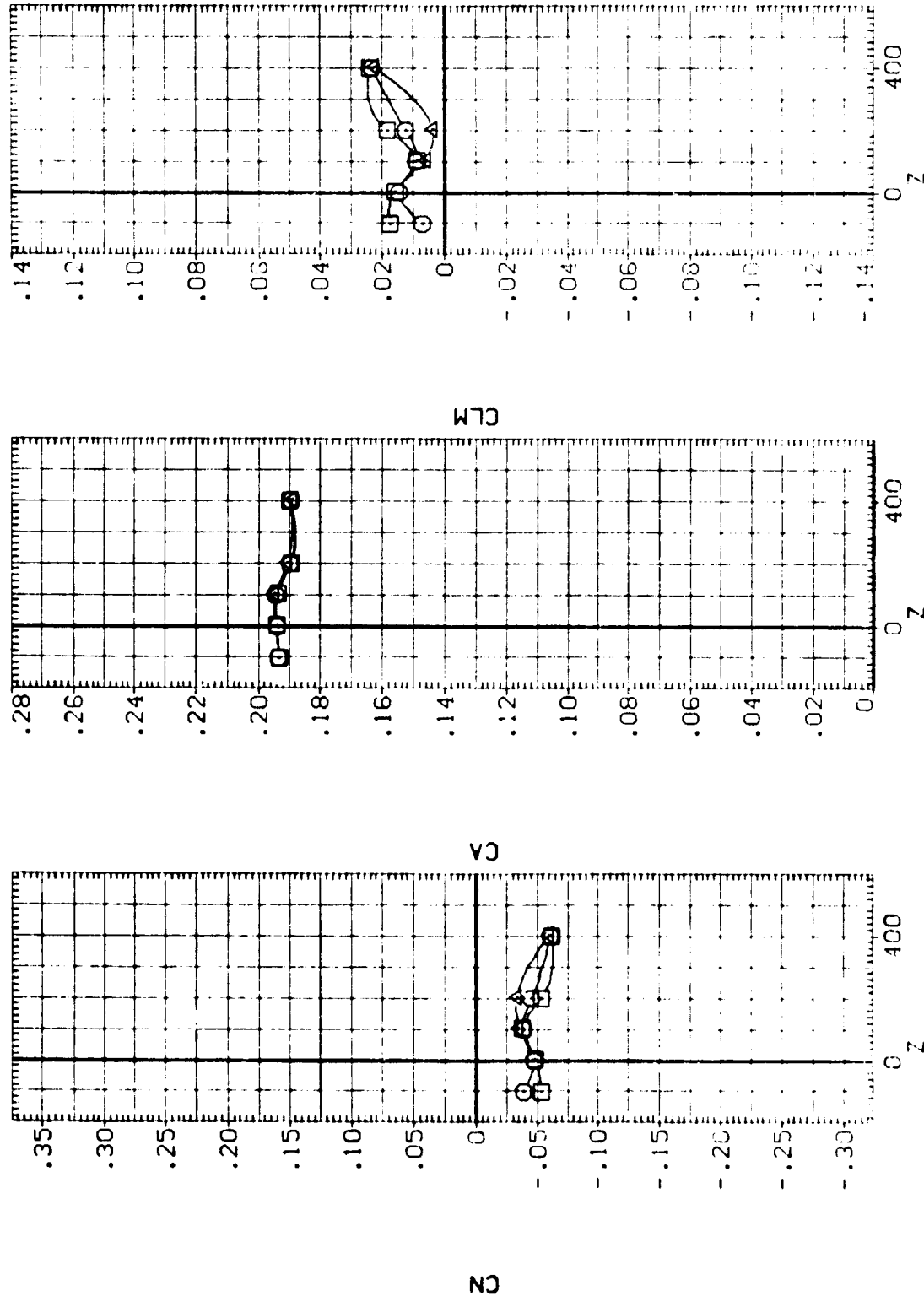


FIG.23 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(C)Y = 200.00

DATA SET SYMBOL  
(RTU096)  
(RTU097)  
(RTU100)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ET1S1-0R8/ET V  
AEDC/VAS28(1A87)-01ET1S1-0R8/ET V  
AEDC/VAS28(1A87)-01ET1S1-0R8/ET V

R/H SRB SEPAR.  
R/H SRB SEPAR.  
R/H SRB SEPAR.

DALPHA DBETA X  
.000 -8.000 300.000  
5.000 -8.000 300.000  
-5.000 -8.000 300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 50. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XPRP 1097.0000 IN. XT  
YPRP .0000 IN. YT  
ZPRP 450.0000 IN. ZT  
SCALE .0100

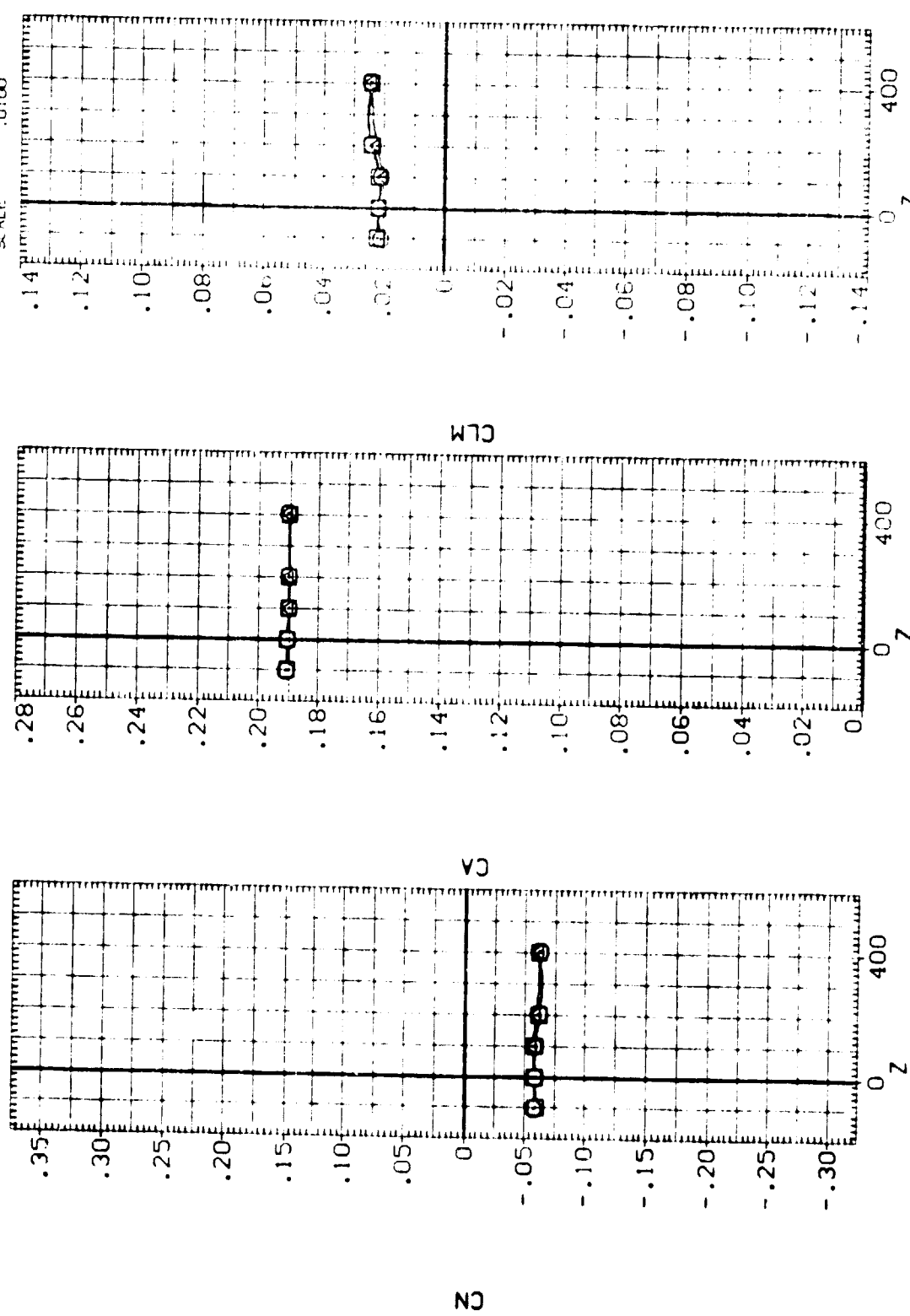


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(D)Y = 400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU055)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	.000	-8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU097)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU100)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	-5.000	-8.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. YT
						YMRP 450.0000 IN. ZT
						ZMRP .0100

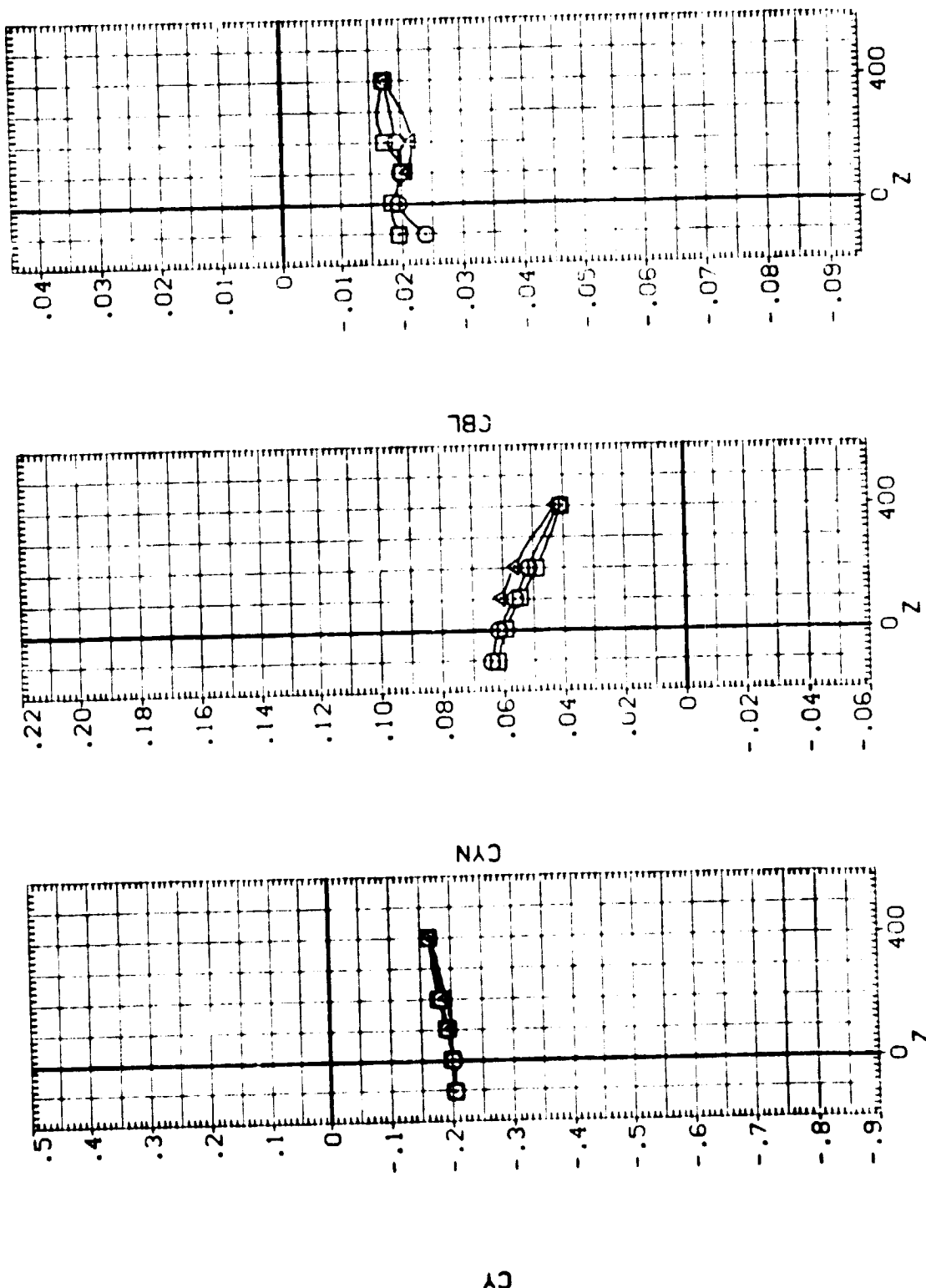


FIG.23 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE INFORMATION
(RTU096)	AEDE/VAS28(1A87)-01ET1S1-0RB/ET	.000	-8.000	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU097)	AEDE/VAS28(1A87)-01ET1S1-0RB/ET	5.000	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU100)	AEDE/VAS28(1A87)-01ET1S1-0RB/ET	-5.000	-8.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP .0000 IN. YI
						ZMRP .0000 IN. ZI
						SCALE 450.0000
						.0100

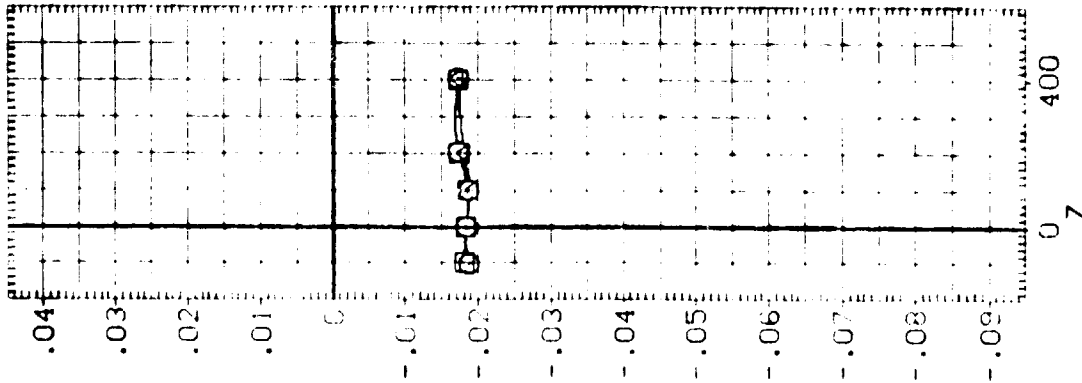
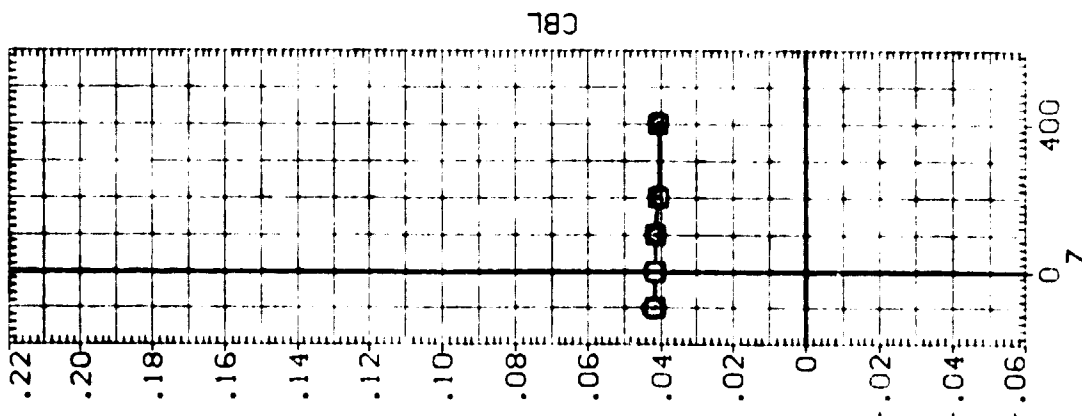
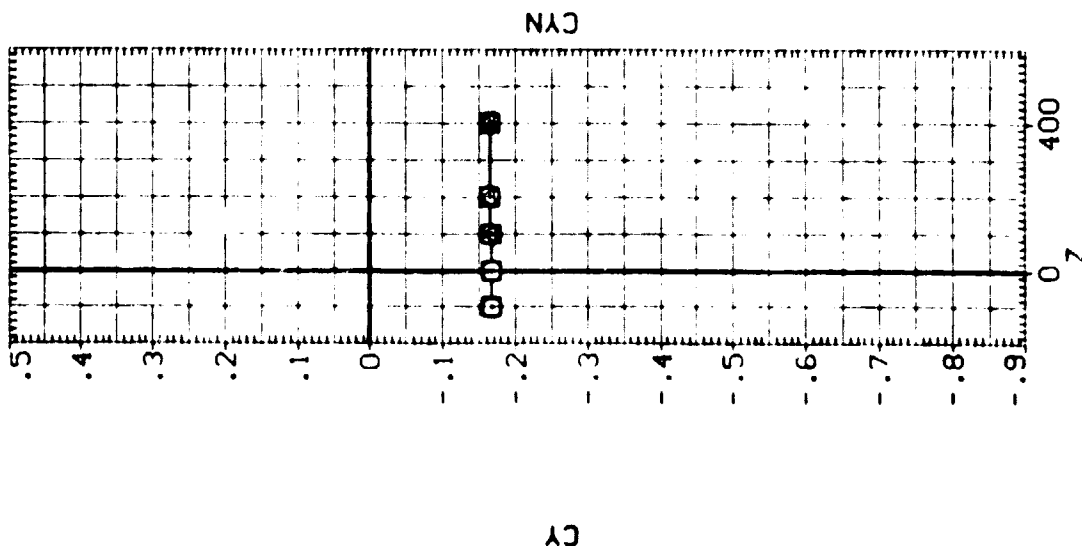


FIG.23 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=5.4)

(O)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE INFORMATION
(RTUI19)	AEDC/VAS28 (A87) - OIETIS - ORB/ET V R/H SRB SEPAR.	.200	.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTUI22)	AEDC/VAS28 (A87) - OIETIS - ORB/ET V R/H SRB SEPAR.	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(RTUI23)	AEDC/VAS28 (A87) - OIETIS - ORB/ET V R/H SRB SEPAR.	-4.900	.000	.000	4.520	BREF 1290.3000 INCHES
						YPRP 1097.0000 IN. YI
						ZPRP 450.0000 IN. ZI
						SCALE .0100

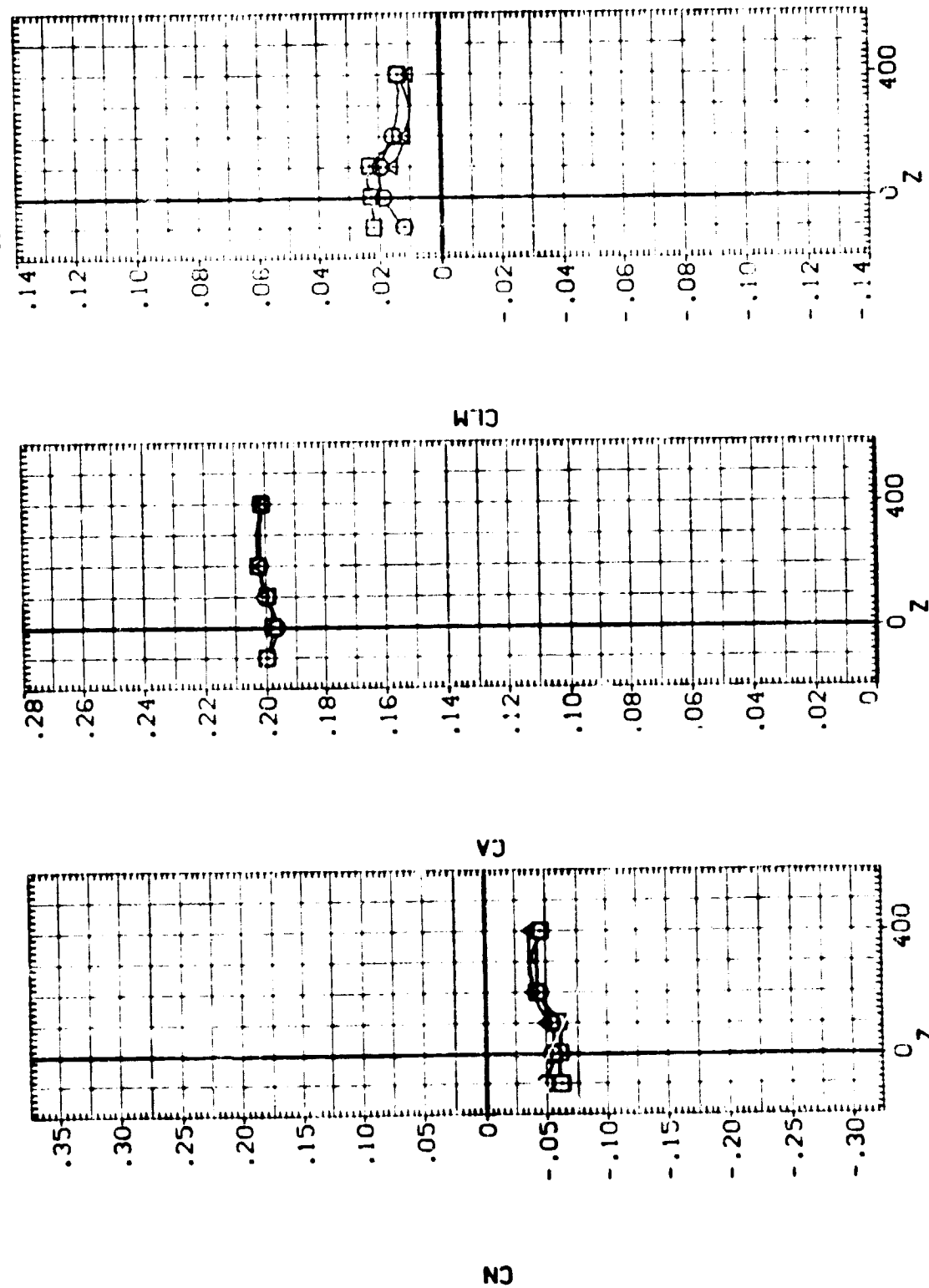


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU119) AEDC/VAS28(IAB7)-01ET151-0RB/ET V R/H S/B SEPAR.

(RTU122) AEDC/VAS28(IAB7)-31ET151-0RB/ET V R/H S/B SEPAR.

(RTU123) AEDC/VAS28(IAB7)-01ET151-0RB/ET V R/H S/B SEPAR.

DATA SET SYMBOL

□ □

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.

LREF 1290.3000 INCHES

BREF 1290.3000 INCHES

YMRP 1097.0000 IN. YI

ZMRP 450.0000 IN. ZI

SCALE .0100

MACH 4.520

X .000

DBETA .000

DALPHA .200

SEPAR. 5.200

SEPAR. -4.900

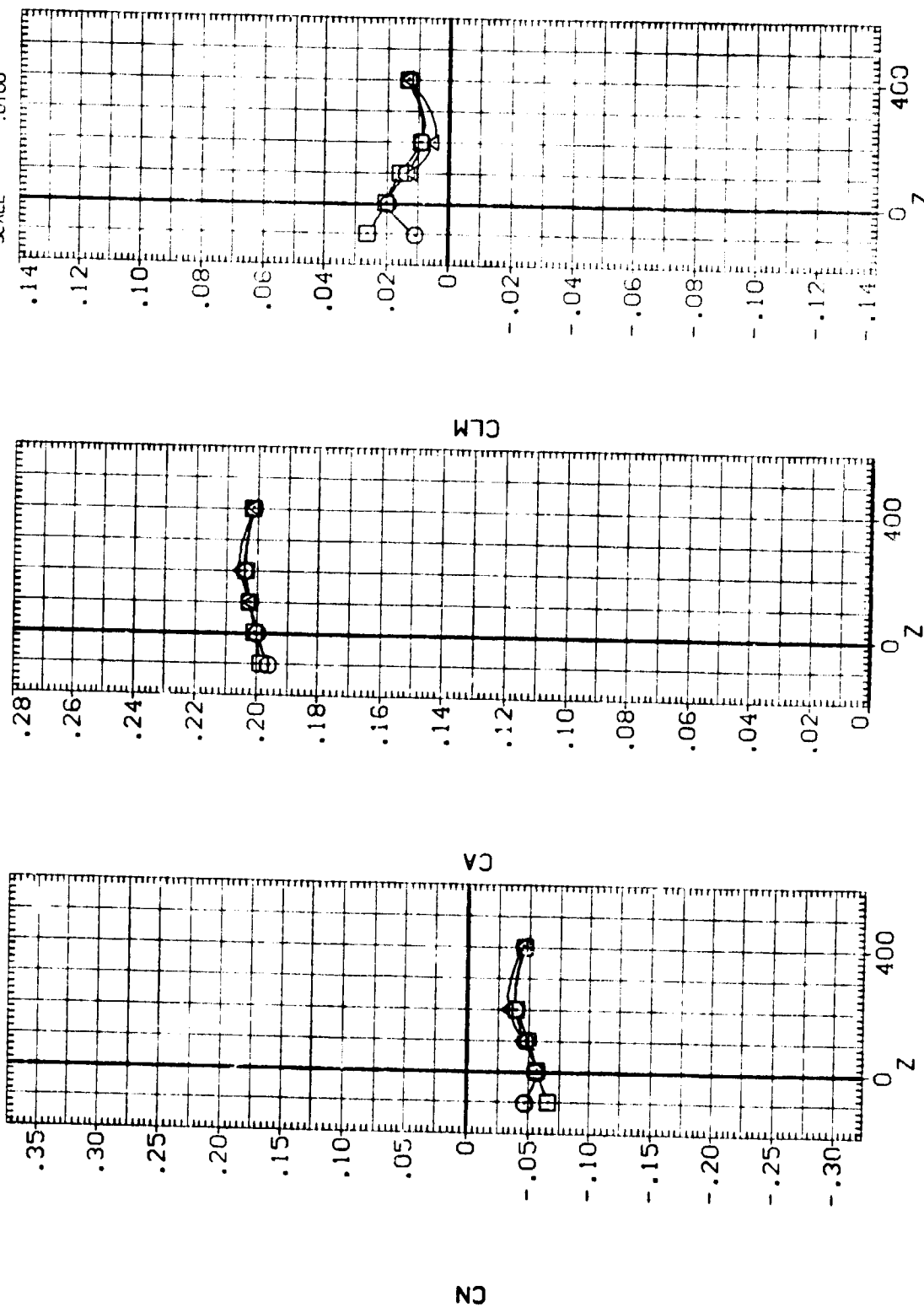


FIG.24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(B)Y =100.00



DATA SET SYMBOL: (RTU119) (RTU122) (RTU123)

CONFIGURATION DESCRIPTION: AEDC/VAS28(IA87)-O1ET(SI)-ORB/ET V R/H SRB SEPAR. AEDC/VAS28(IA87)-O1ET(SI)-ORB/ET V R/H SRB SEPAR. AEDC/VAS28(IA87)-O1ET(SI)-ORB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION: SREF 2690.0000 SQ.FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XMRP 1097.0000 IN. YMRP 450.0000 IN. YZMRP 450.0000 IN. YZ SCALE .0100

MACH: 4.520 4.520 4.520

DBETA: .000 .000 .000

DALPHA: .200 5.200 -4.900

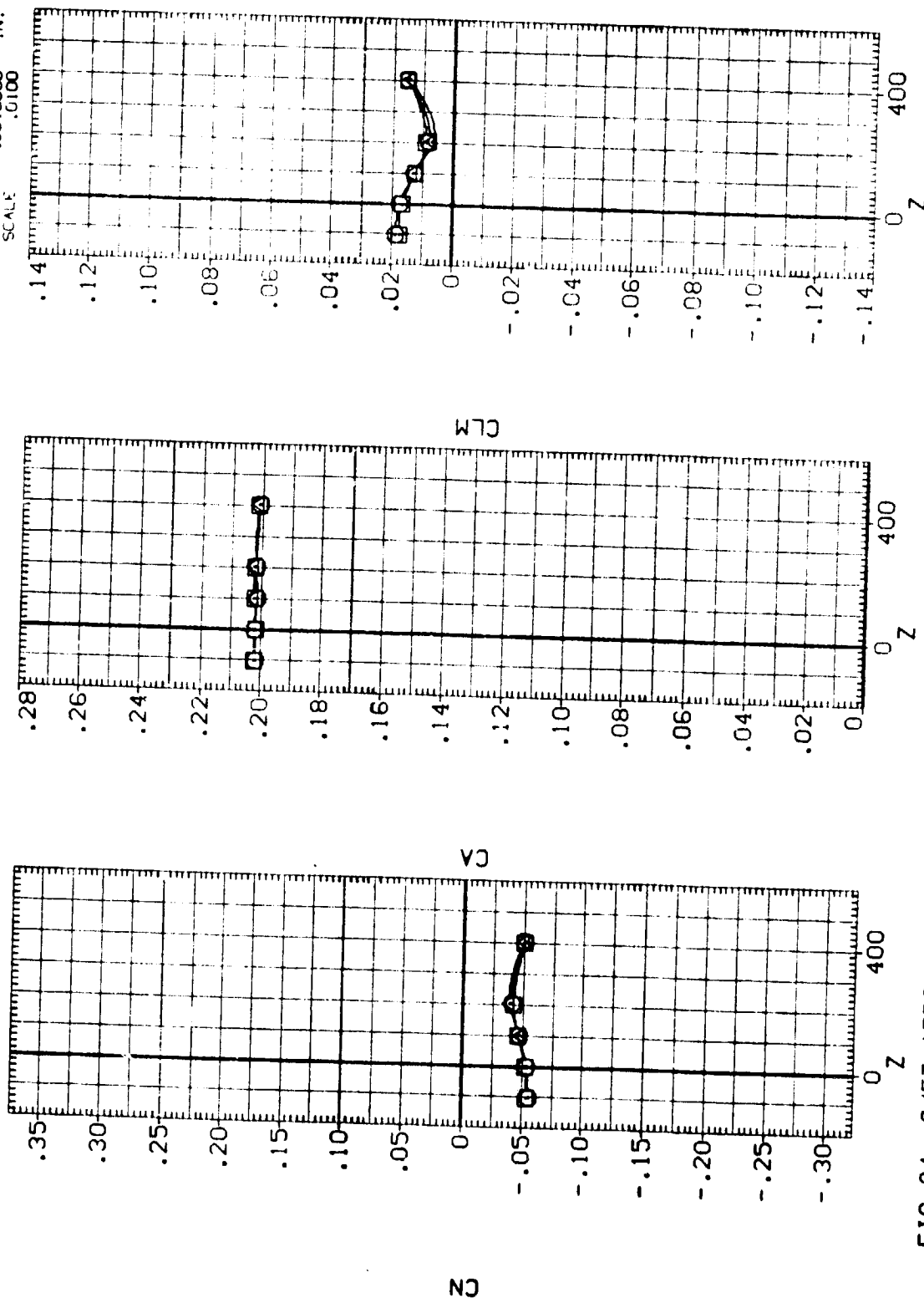


FIG.24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)  
(D)Y = 400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DBETA	X	MACH	REFERENCE INFORMATION
(RTU119)	AEDC/VAS281(A87)-01ETIS1-0RB/ET	.200	.000	4.520	SREF 2690.0000 SO.FT.
(RTU122)	AEDC/VAS281(A87)-01ETIS1-0RB/ET	5.200	.000	4.520	LREF 1290.3000 INCHES
(RTU123)	AEDC/VAS281(A87)-01ETIS1-0RB/ET	-4.500	.000	4.520	BREF 1290.3000 INCHES
					YMRP .0000 IN. YT
					ZMRP .0000 IN. ZT
					SCALE .0100

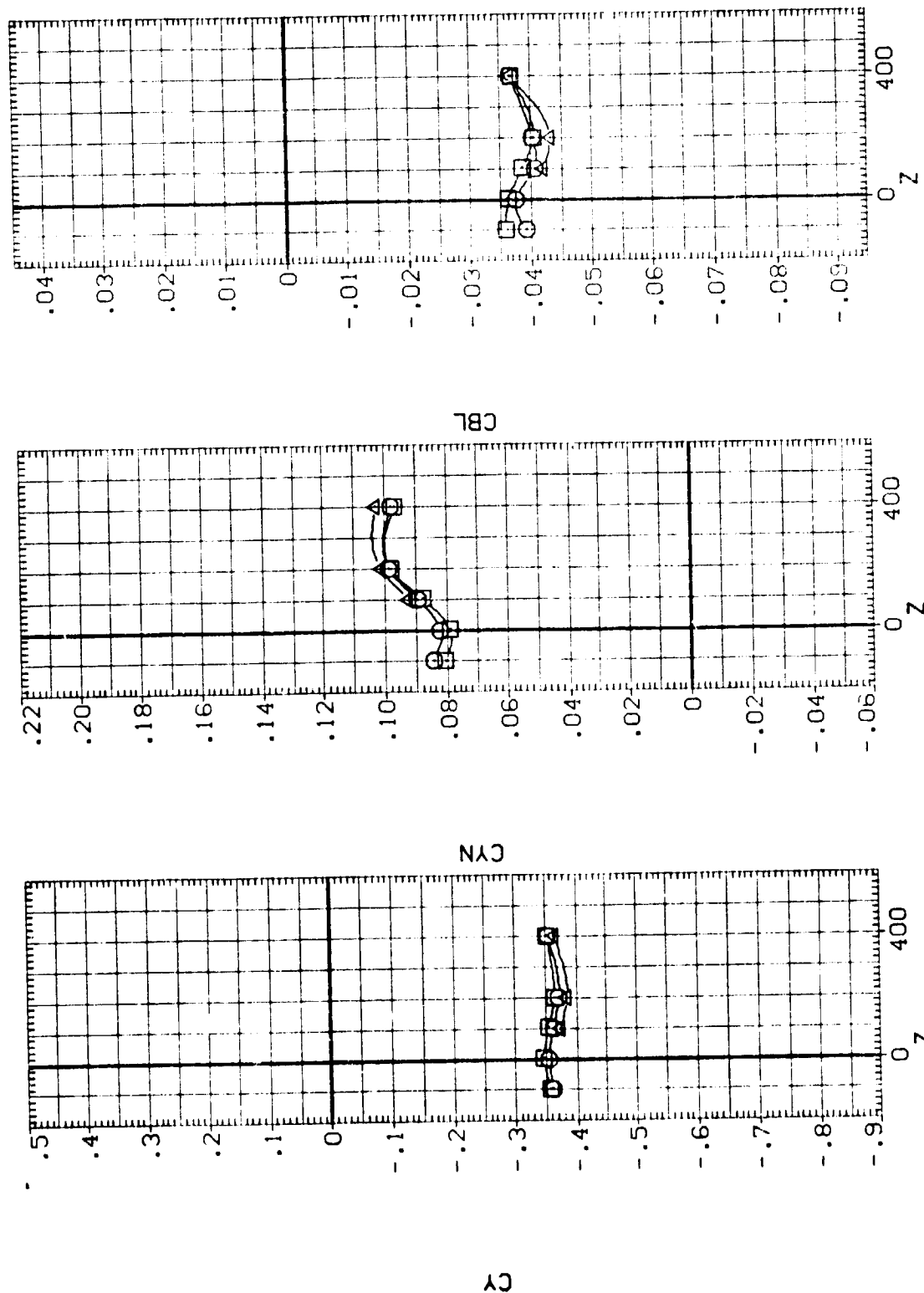


FIG.24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU119) AEDC/VA5281(AB7)-01ET1S1-OR8/ET V R/H SRB SEPAR.  
 (RTU122) AEDC/VA5281(AB7)-01ET1S1-OR8/ET V R/H SRB SEPAR.  
 (RTU123) AEDC/VA5281(AB7)-01ET1S1-OR8/ET V R/H SRB SEPAR.

DALPHA DBETA X MACH  
 .200 .000 .000 4.520  
 5.200 .000 .000 4.520  
 -4.500 .000 .000 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

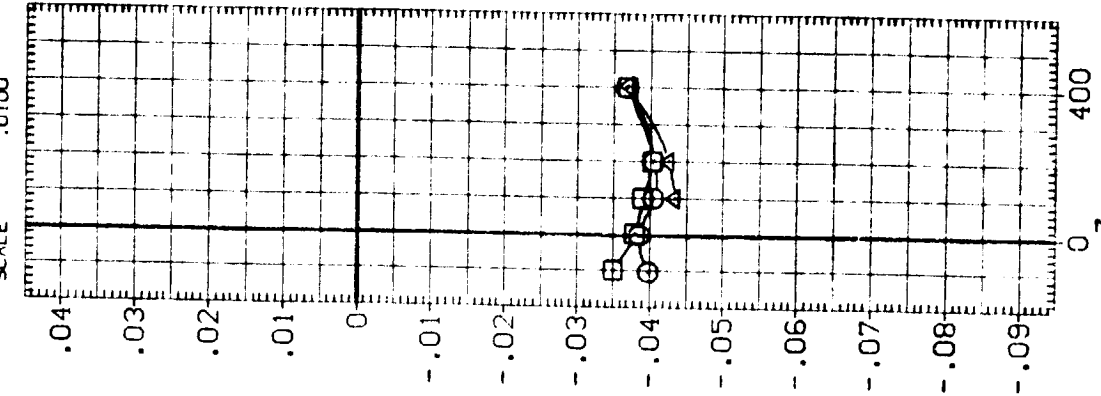
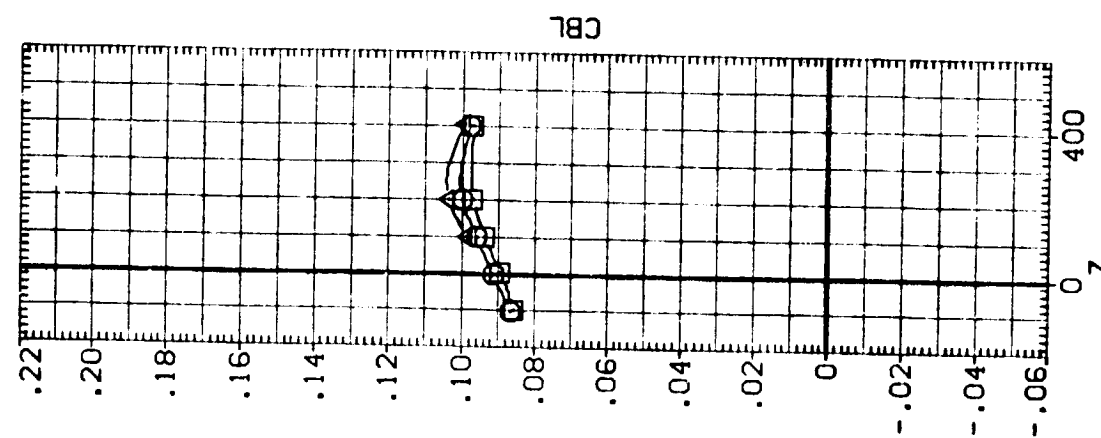
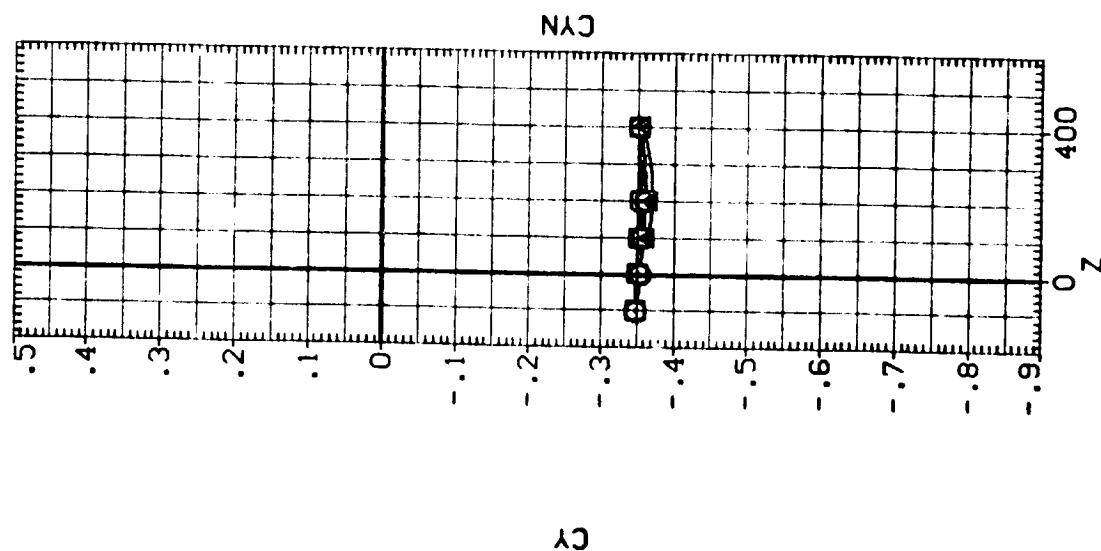


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)  
 (B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTUI19)	AEDC/VA528(1A87)-01ETIS1-0RB/ET	200	.003	.000	4.520	SREF 2690.0000 SQ.FT.
(RTUI22)	AEDC/VA528(1A87)-01ETIS1-0RB/ET	5.200	.003	.000	4.520	LREF 1290.3000 INCHES
(RTUI23)	AEDC/VA528(1A87)-01ETIS1-0RB/ET	-4.500	.000	.000	4.520	BREF 1290.3000 IN. XT
						YMRP .0000 IN. YT
						ZMRP .0000 IN. ZT
						SCALE .0100

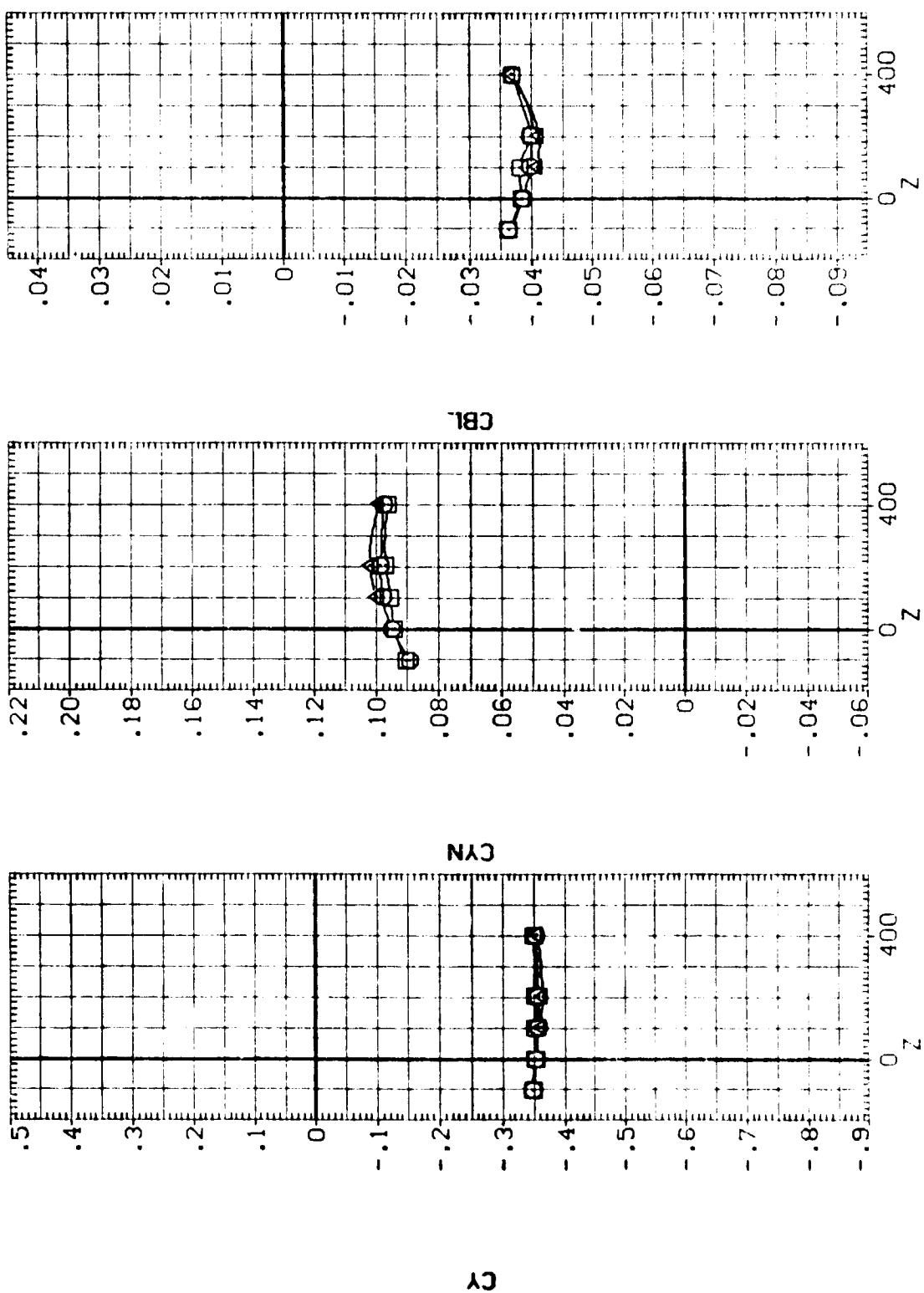


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(C)Y =230.00



# DATA SET SYMBOL

(RTU119)  
(RTU122)  
(RTU123)



# CONFIGURATION DESCRIPTION

AEDC/VAS28(IAB7)-01ET1S1-088/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-01ET1S1-088/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-01ET1S1-088/ET V R/H SRB SEPAR.

# DALPHA DBETA

.200  
5.200  
-4.900

# X

.000  
.000  
.000

# MACH

4.520  
4.520  
4.520

# REFERENCE INFORMATION

SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0030 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

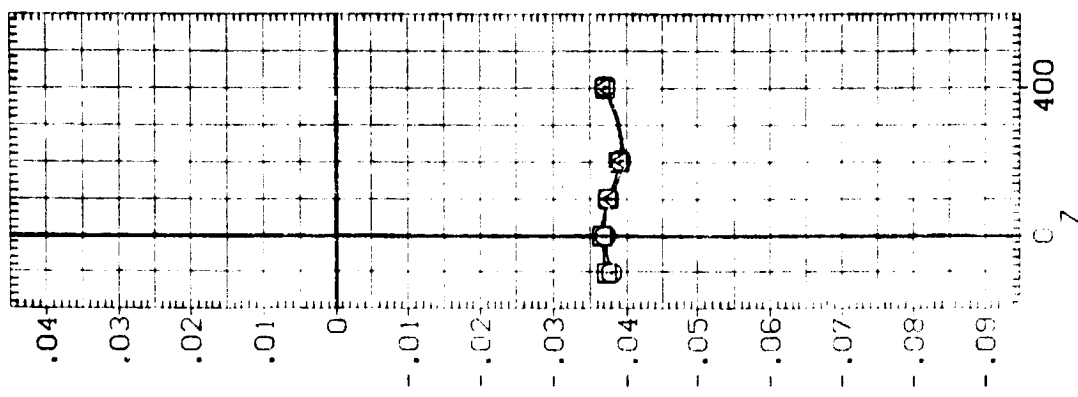
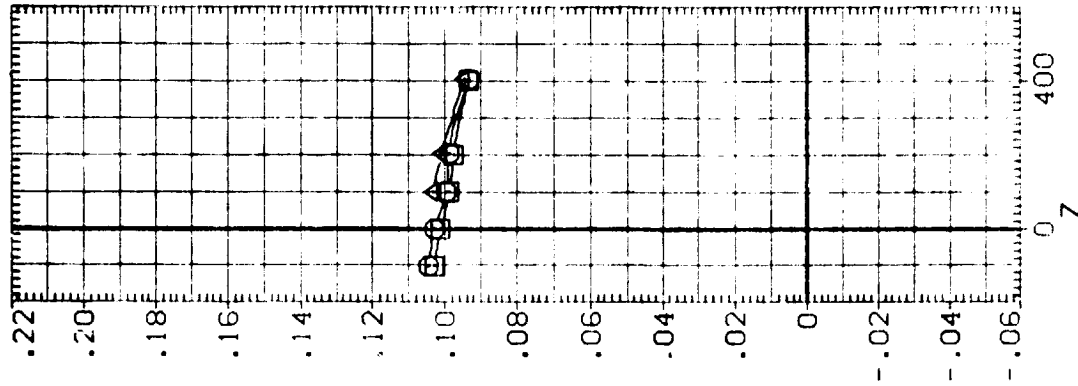
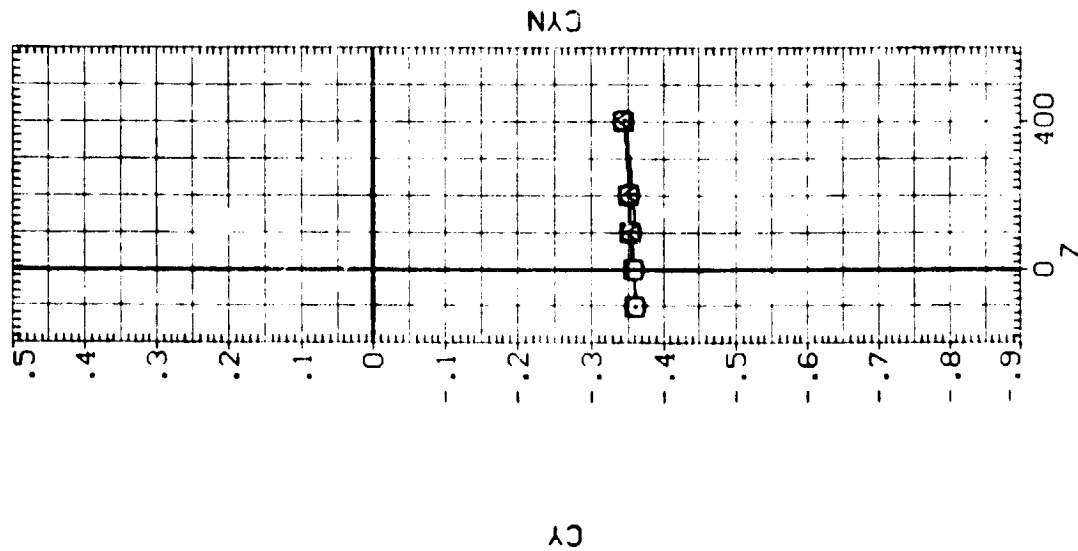


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTUI20)	AEDC/VAS281(AB7)-01ET151-0RB/ET	.200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTUI21)	AEDC/VAS281(AB7)-01ET151-0RB/ET	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTUI24)	AEDC/VAS281(AB7)-01ET151-0RB/ET	-4.900	.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP .0000 IN. YT
						ZMRP .0000 IN. ZT
						SCALE .0100

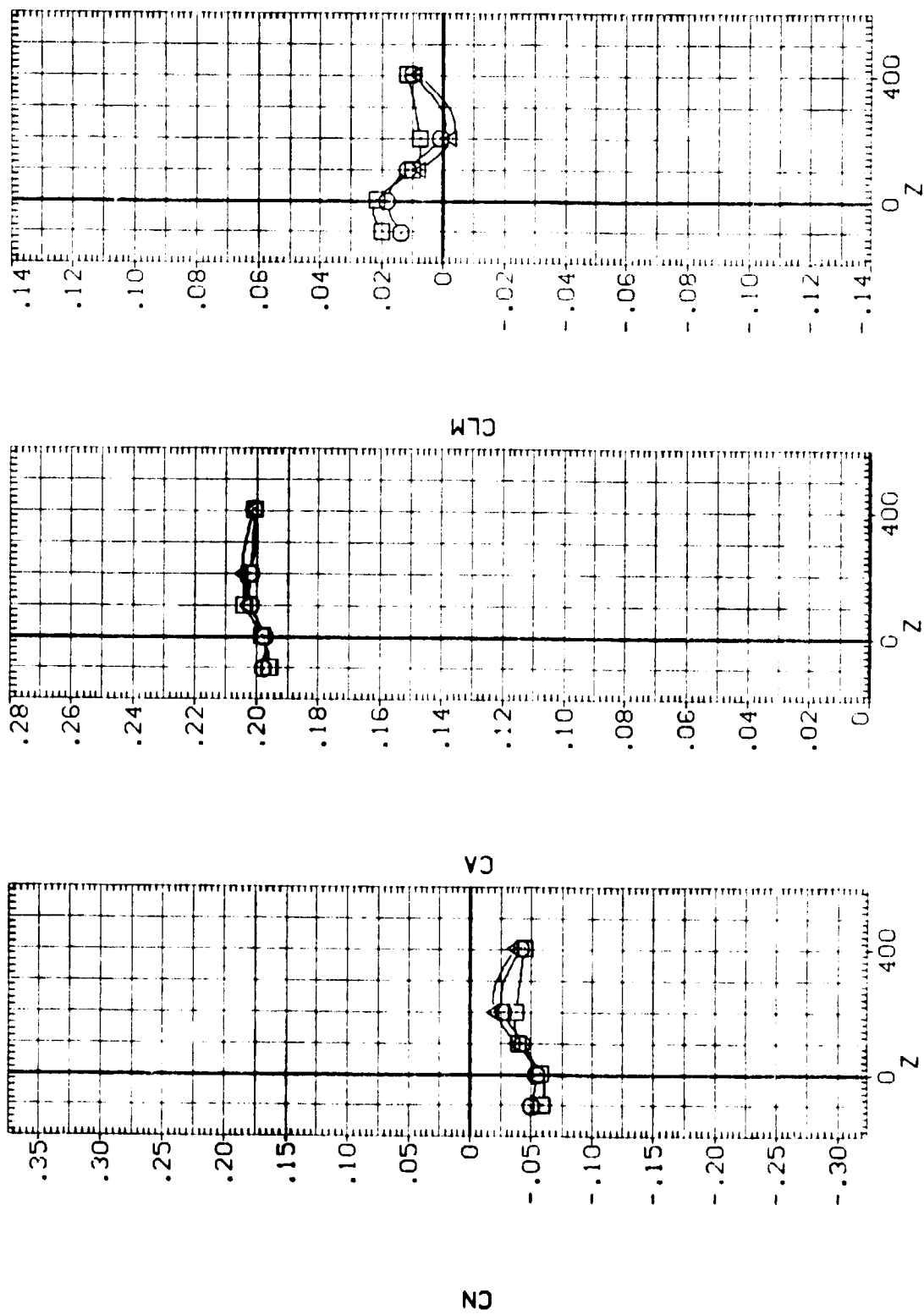


FIG.24 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(A)Y = 10.00

DATA SET SYMBOL  
(RTU120)  
(RTU121)  
(RTU124)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ET1S1-0SRB/ET V  
AEDC/VAS28(1A87)-01ET1S1-0SRB/ET V  
AEDC/VAS28(1A87)-01ET1S1-0SRB/ET V

R/H SRB SEPAR.  
R/H SRB SEPAR.  
R/H SRB SEPAR.

ALPHA  
.200  
-4.500

DBETA  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2650.0000 SQ.FT.  
LREF 1250.3000 INCHES  
BREF 1250.3000 INCHES  
XMRP 1057.0000 IN. XT  
YMRP 5000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE 0.100

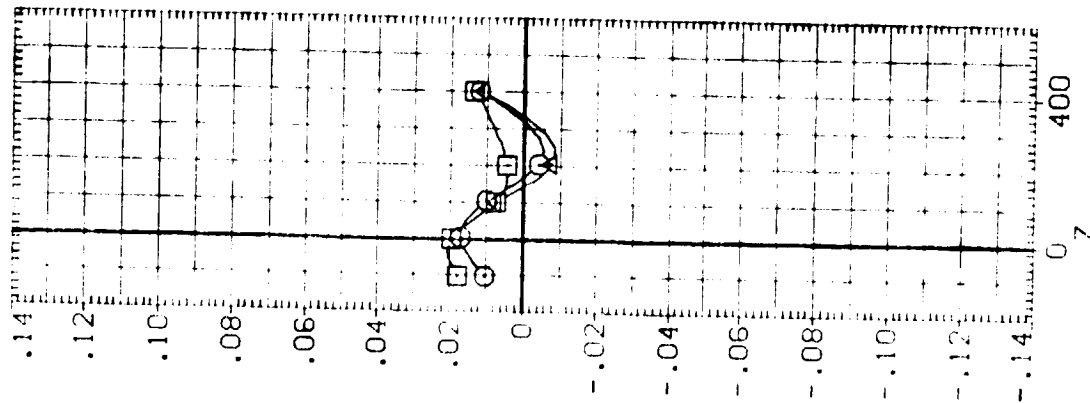
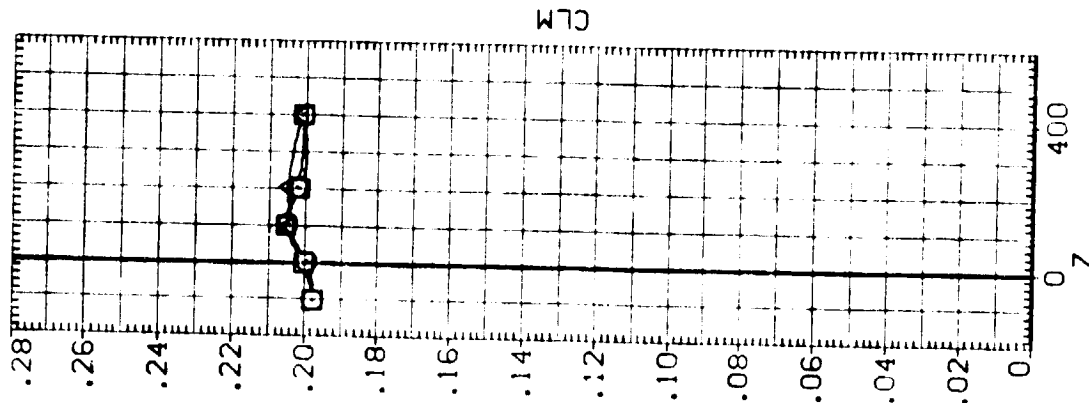
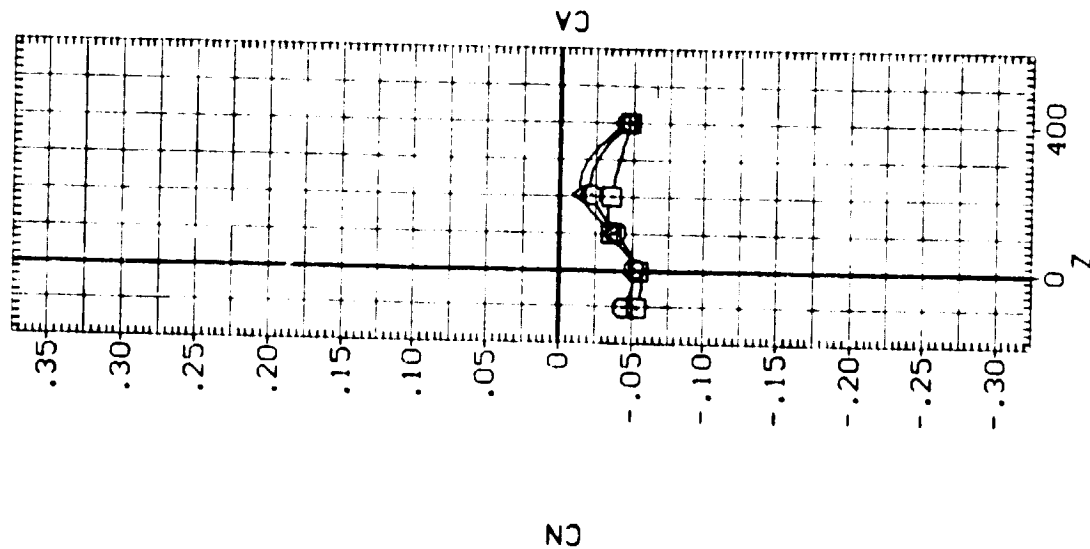


FIG.24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(B)Y = 100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DA-PHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTUI20)	AEDC/VA528(1A87)-01ETISI-OR8/ET	200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTUI21)	AEDC/VA528(1A87)-01ETISI-OR8/ET	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTUI24)	AEDC/VA528(1A87)-01ETISI-OR8/ET	-4.300	.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. X1
						YMRP .0000 IN. Y1
						ZMRP 450.0000 IN. Z1
						SCALE .0100

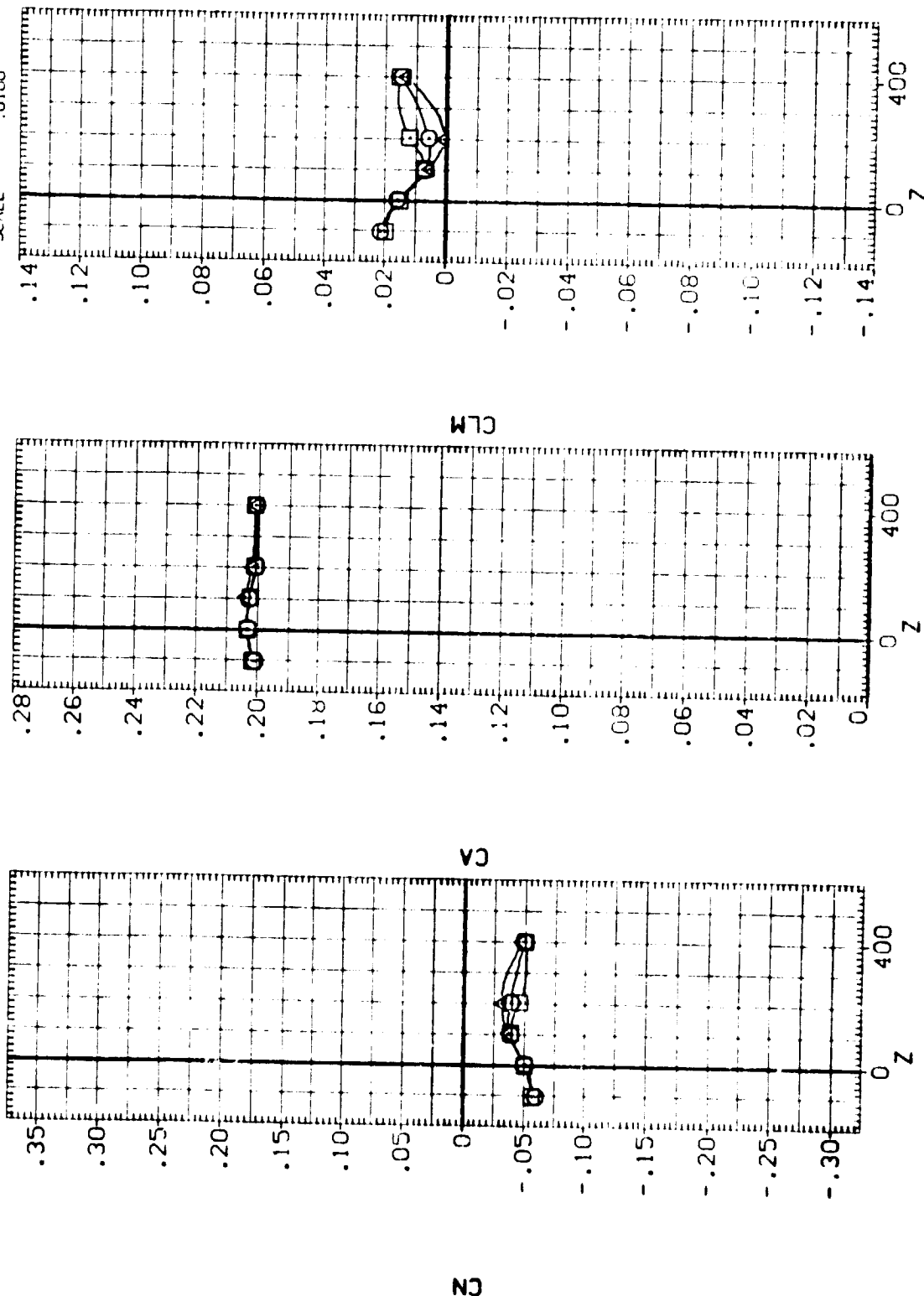


FIG.24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DELTA	DBETA	X	MACH	REFERENCE INFORMATION
(RTUI 20)	AECC/VAS28(1A87)-01ET1SI-0RB/ET	.200	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(RTUI 21)	AECC/VAS28(1A87)-01ET1SI-0RB/ET	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTUI 24)	AECC/VAS28(1A87)-01ET1SI-0RB/ET	-4.500	.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. XT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

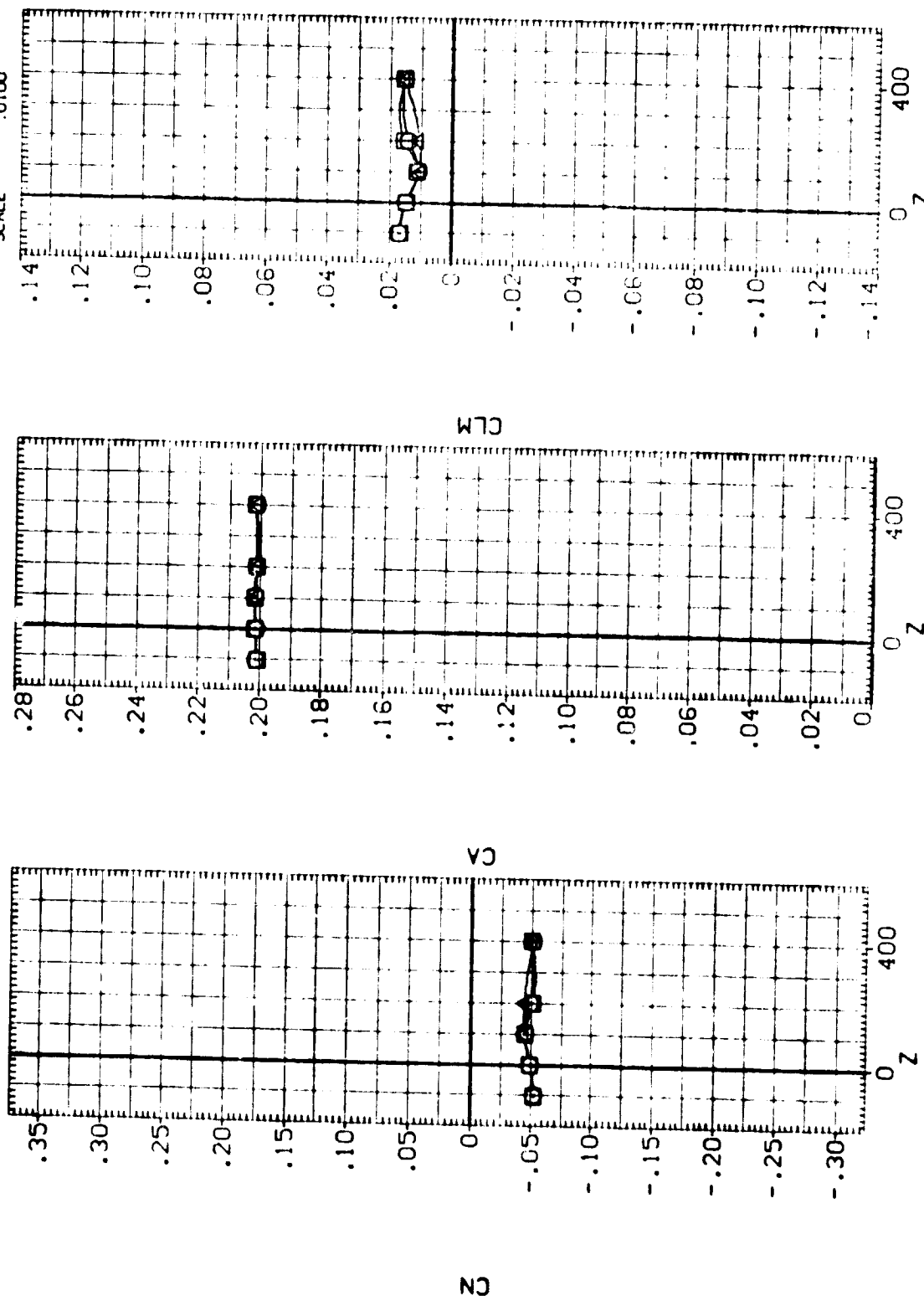


FIG.24 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(D)Y = 400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H	SRB SEPAR.	DELTA	BETA	MACH	REFERENCE INFORMATION
(RTU120)	AE/VA528(IAB7)-C1ET1S1-OR8/ET	✓	✓	.200	0.00	4.520	SREF 2690.0000 50. FT.
(RTU121)	AE/VA528(IAB7)-C1ET1S1-OR8/ET	✓	✓	5.200	.000	4.520	LREF 1290.3000 INCHES
(RTU124)	AE/VA528(IAB7)-C1ET1S1-OR8/ET	✓	✓	-4.900	.000	4.520	BREF 290.3000 INCHES
							XMRP 1097.0000 IN. XT
							ZMRP 450.0000 IN. YT
							SCALE .0100

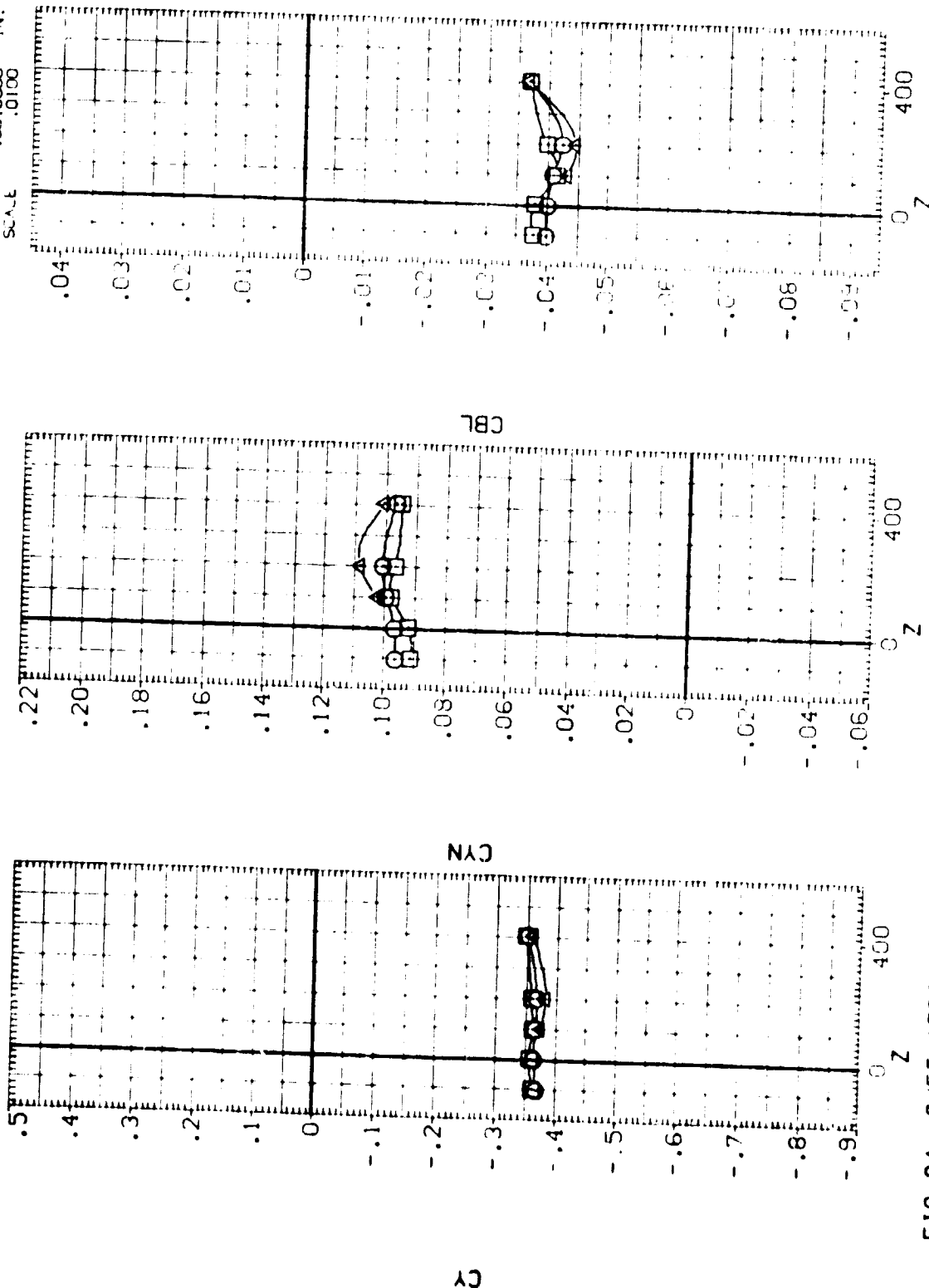


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)  
(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(RTU120)	AEDC/VA528 (IAB7)	-01ETISI-0988
(RTU121)	AEDC/VA528 (IAB7)	-01ETISI-0988
(RTU124)	AEDC/VA528 (IAB7)	-01ETISI-0988

DALPHA	DBETA	X	MACH
.200	.000	300.000	4.520
5.200	.000	300.000	4.520
-4.900	.000	300.000	4.520

REFERENCE INFORMATION	
	SQ.FT. INCHES IN. X IN. Y IN. Z
SREF	2690.0000
REF	1290.3100
DRF	1290.3100
WING	1097.0000
WING	1097.0000
Wing	450.0000
Wing	.0100

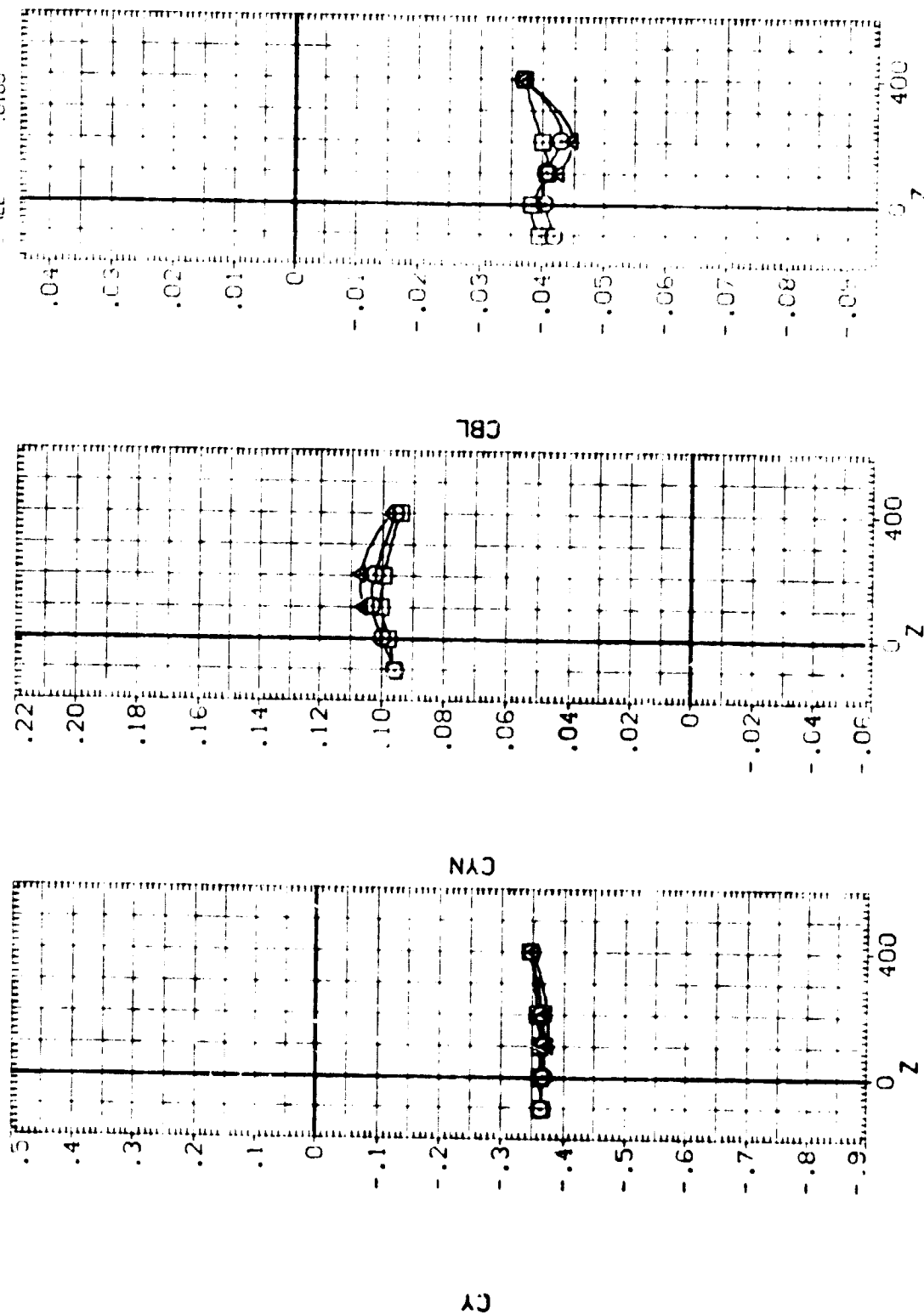


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)  
(B)Y =100.00

DATA SET SYMBOL: (RTU120) (RTU121) (RTU124)

CONFIGURATION: AEDC/A528 (AB7)-O1ET (SI)-OR8/ET V R/H SRS SEPAR. AEDC/A528 (AB7)-O1ET (SI)-OR8/ET V R/H SRS SEPAR. AEDC/A528 (AB7)-O1ET (SI)-OR8/ET V R/H SRS SEPAR.

REFERENCE INFORMATION: SREF 2680.0000 50. FT. LREF 1250.3000 INCHES BREF 1250.3000 INCHES XREF 1250.3000 INCHES YREF 1250.3000 INCHES ZREF 450.0000 INCHES SCALE .0100

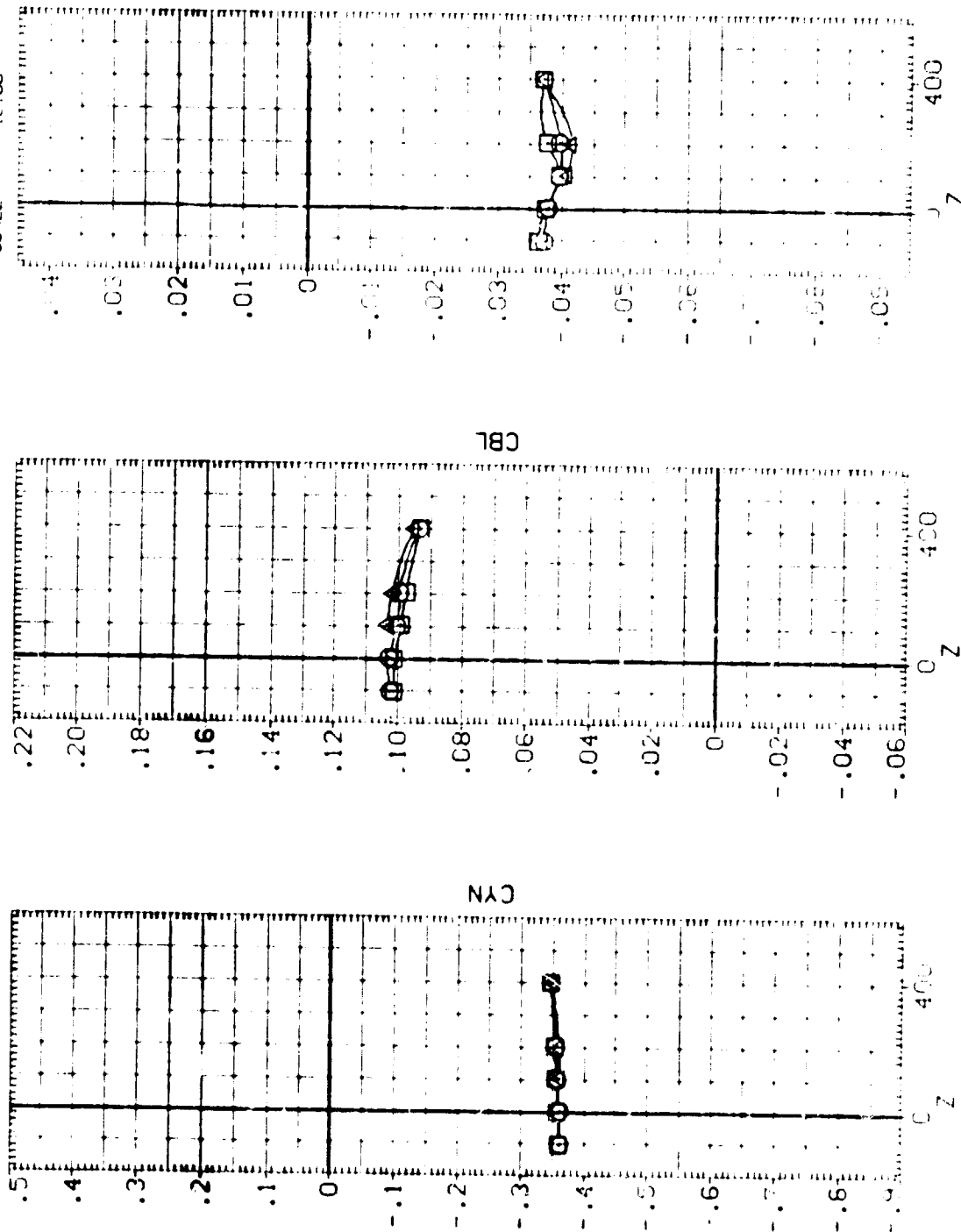


FIG.24 O/E/ AFRO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=0.9)



DATA SET SYMBOL CONFIGURATION DESCRIPTION:  
 (RTU120) Q AEDE/VAS28(1A87)-G1ET1S1-OR8/ET V R/H SRB SEPAR.  
 (RTU121) Z AEDE/VAS28(1A87)-G1ET1S1-OR8/ET V R/H SRB SEPAR.  
 (PTU124) AEDE/VAS28(1A87)-G1ET1S1-OR8/ET V R/H SRB SEPAR.

DALPHA D/BETA X  
 .200 .000 300.000  
 5.200 .000 300.000  
 -4.900 .000 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 50 FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XREF 1097.0000 IN. X1  
 YREF 1097.0000 IN. Y1  
 ZREF 450.0000 IN. Z1  
 SCALE .0100

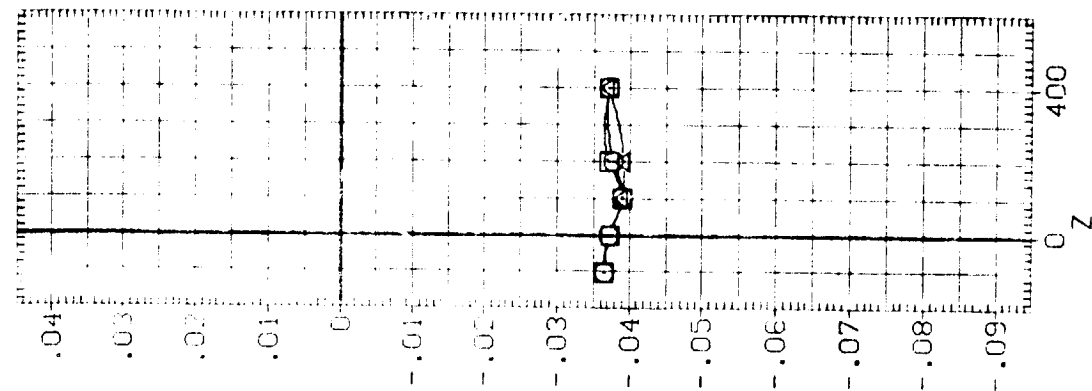
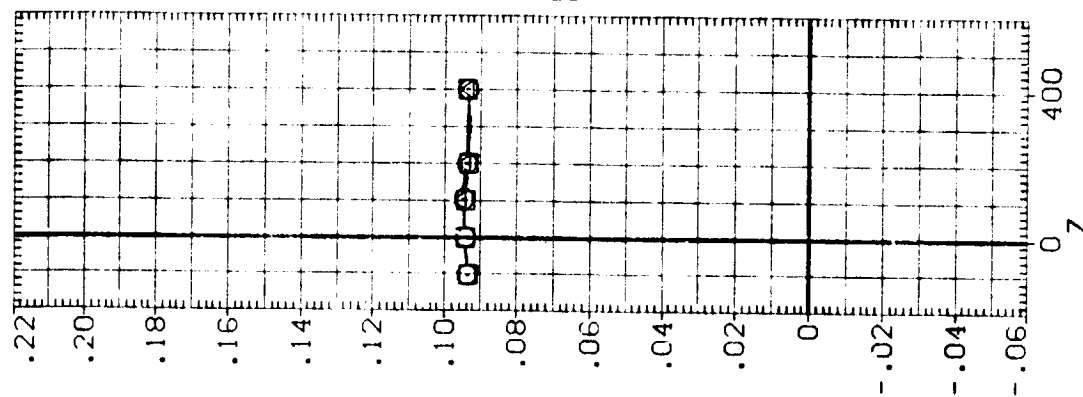
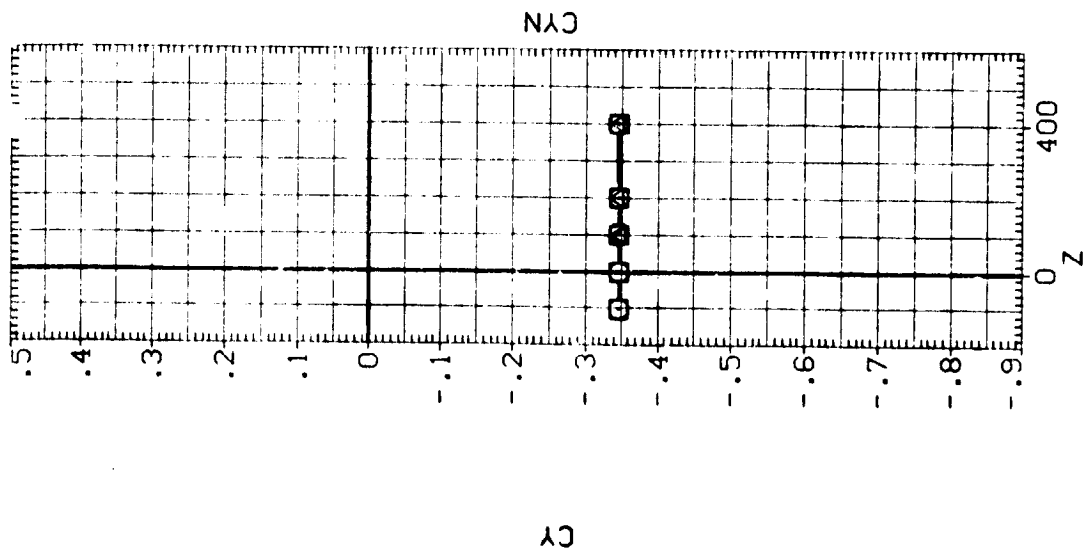


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(D)Y =400.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU125) AEDC/VA528(IAB7)-O1ET1SI-OR8/ET V R/H SRB SEPAR.

(RTU126) AEDC/VA528(IAB7)-O1ET1SI-OR8/ET V R/H SRB SEPAR.

(RTU129) AEDC/VA528(IAB7)-O1ET1SI-OR8/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU125) AEDC/VA528(IAB7)-O1ET1SI-OR8/ET V R/H SRB SEPAR.

(RTU126) AEDC/VA528(IAB7)-O1ET1SI-OR8/ET V R/H SRB SEPAR.

(RTU129) AEDC/VA528(IAB7)-O1ET1SI-OR8/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU125) AEDC/VA528(IAB7)-O1ET1SI-OR8/ET V R/H SRB SEPAR.

(RTU126) AEDC/VA528(IAB7)-O1ET1SI-OR8/ET V R/H SRB SEPAR.

(RTU129) AEDC/VA528(IAB7)-O1ET1SI-OR8/ET V R/H SRB SEPAR.

REFERENCE INFORMATION

SREF 2690.0000 SQ. FT.

LREF 1290.3000 INCHES

BREF 1290.3000 INCHES

XMRP 1097.0000 IN. XT

YMRP .0000 IN. YT

ZMRP 450.0000 IN. ZT

SCALE .0100

MACH 4.520

X .000

DBETA -4.000

DALPHA .200

5.200

-4.500

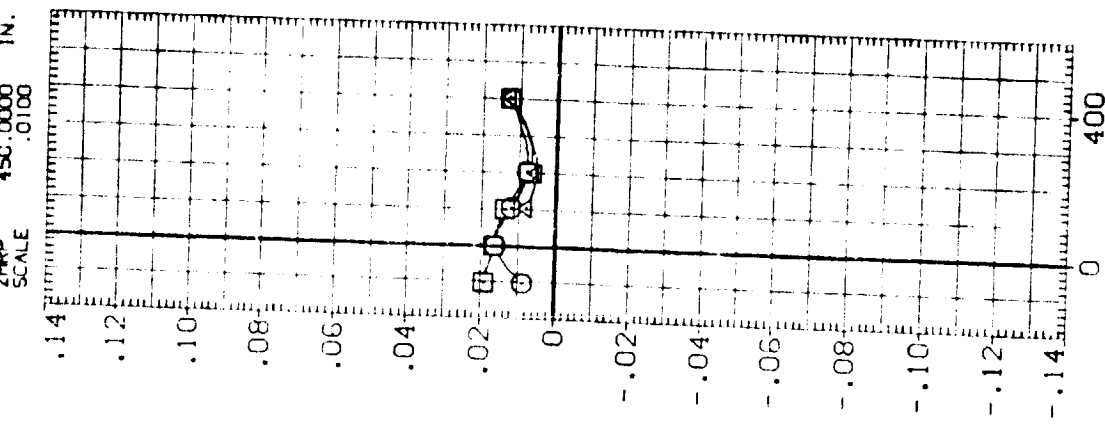
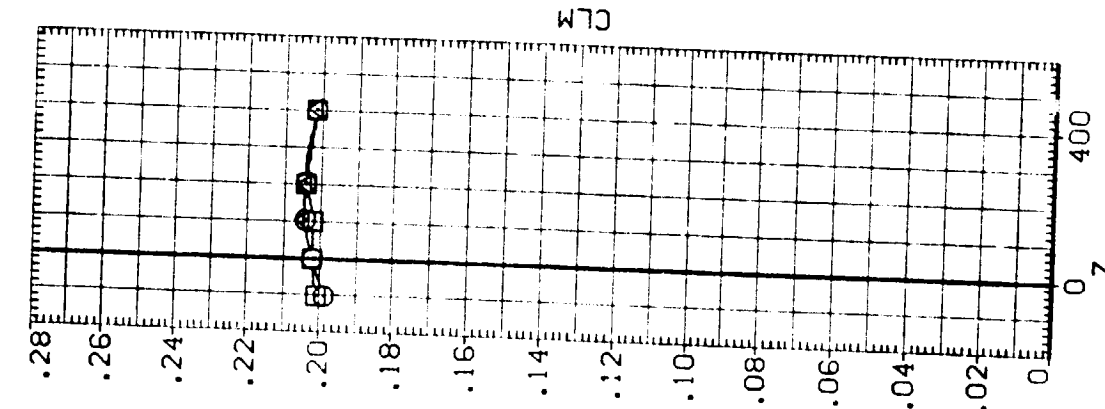
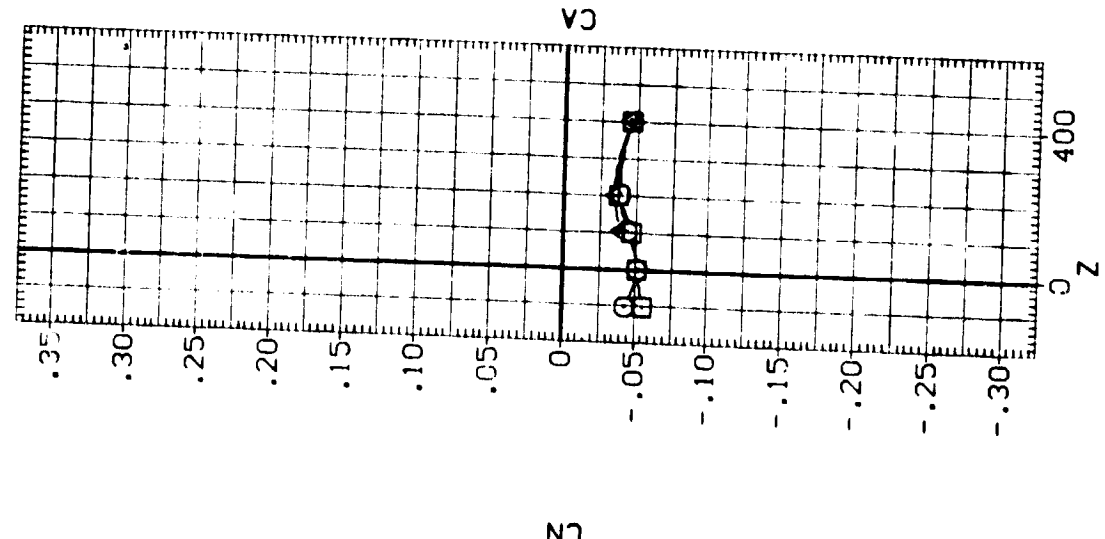


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU125)	AEDC/AS528(1A87)-01ET1S1-0RB/ET	V	.200	-4.000	.000	4.520	SREF 2690.0000 50. FT.
(RTU128)	AEDC/AS528(1A87)-01ET1S1-0RB/ET	V	5.200	-4.000	.000	4.520	LREF 1290.3000 INCHES
(RTU129)	AEDC/AS528(1A87)-01ET1S1-0RB/ET	V	-4.900	-4.000	.000	4.520	BREF 1290.3000 INCHES
							XMRP 1097.0000 IN. XT
							YMRP .0000 IN. YT
							ZMRP 450.0000 IN. ZT
							SCALE .0100

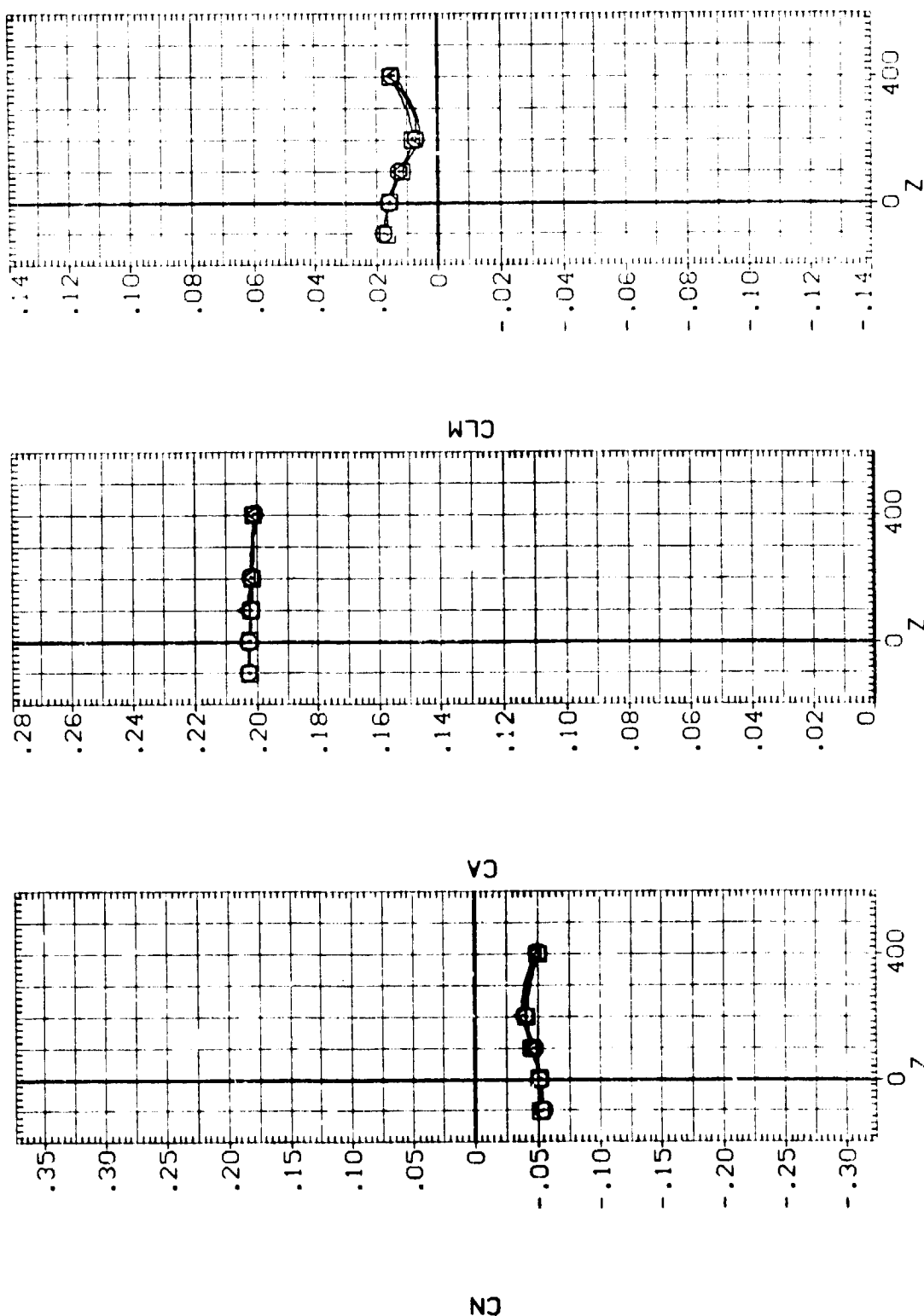


FIG.24 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(D)Y = 400.00

# DATA SET SYMBOL

(RTU125)  
(RTU128)  
(RTU129)



## CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-G1ET1S1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-G1ET1S1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-G1ET1S1-OR8/ET V R/H SRB SEPAR.

DALPHA DBETA  
200 -4.000  
5.200 -4.000  
-4.500 -4.000

X  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

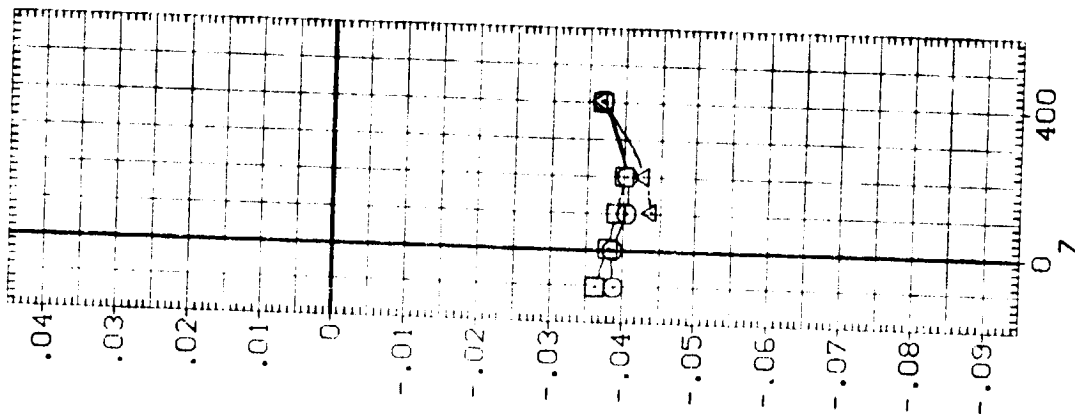
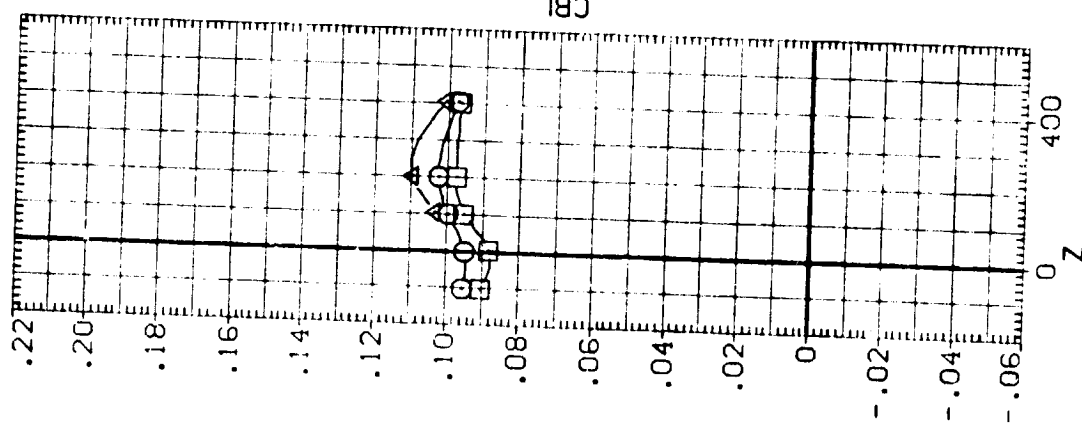
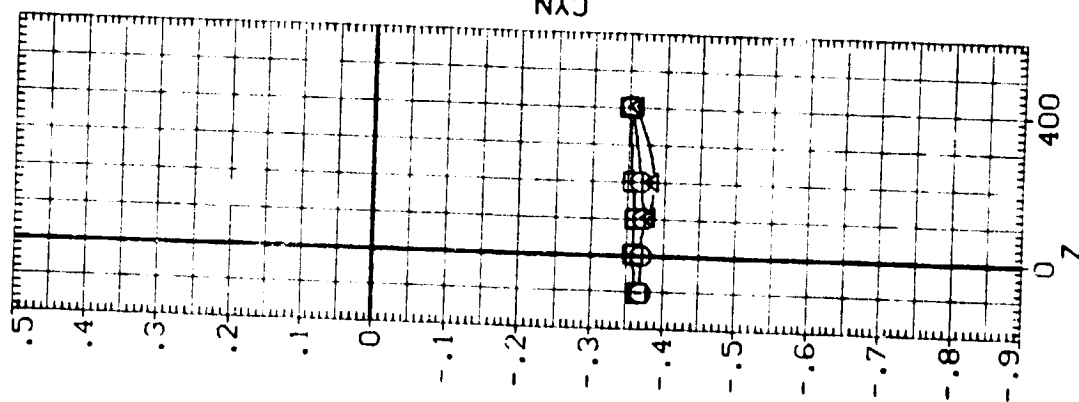


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)  
(B)Y =100.00

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU125)	□	AEDC/VA528 (AB7)-O1ETIS1-ORB/ET	V R/H SRB SEPAR.	.200	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU126)	□	AEDC/VA528 (AB7)-O1ETIS1-ORB/ET	V R/H SRB SEPAR.	5.200	-4.000	.000	4.520	LREF 1290.3000 INCHES
(RTU129)	⊗	AEDC/VA528 (AB7)-O1ETIS1-ORB/ET	V R/H SRB SEPAR.	-4.900	-4.000	.000	4.520	BREF 1290.3000 INCHES
								XMRP 1097.0000 IN. YI
								ZMRP 450.0000 IN. ZI
								SCALE .0100

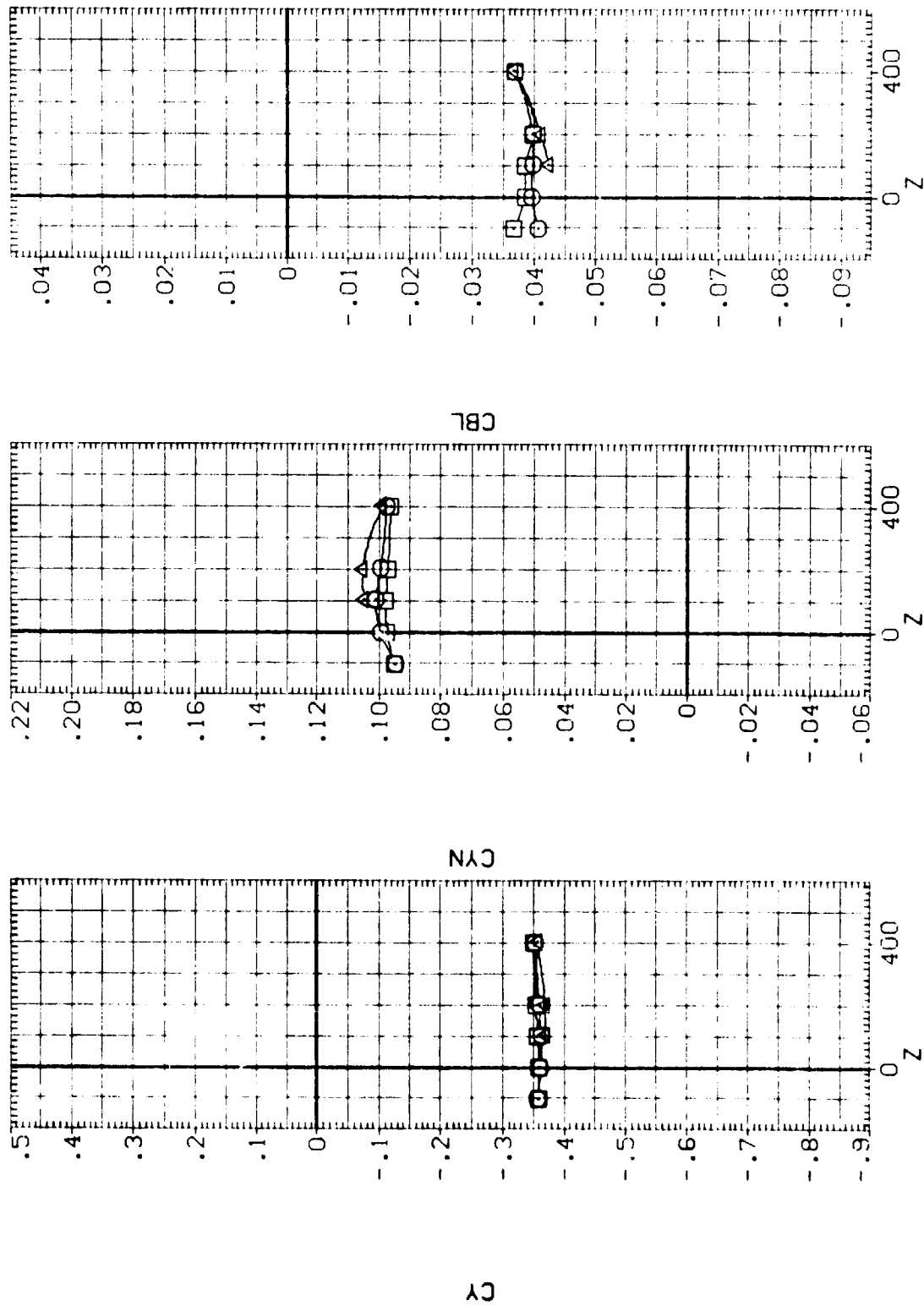


FIG.24 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU125)	AEDC/VAS28(1A87)-01ET151-0RB/ET	.200	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU126)	AEDC/VAS28(1A87)-01ET151-0RB/ET	5.200	-4.000	.000	4.520	LREF 1290.3000 INCHES
(RTU129)	AEDC/VAS28(1A87)-01ET151-0RB/ET	-4.900	-4.000	.000	4.520	BREF 1290.3000 INCHES
						XREF 1097.0000 IN. XT
						YREF .0000 IN. YT
						ZREF 450.0000 IN. ZT
						SCALE .0100

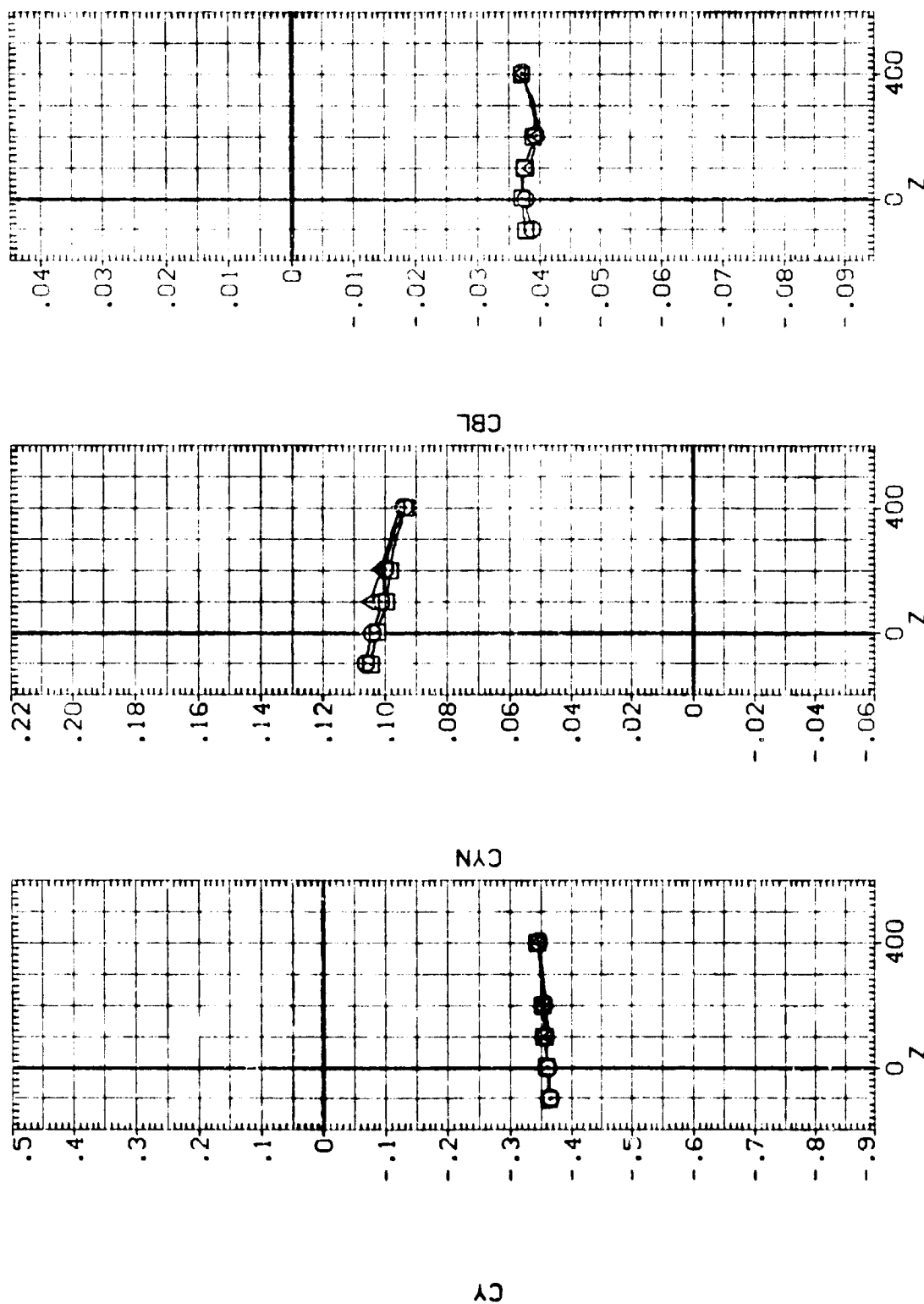


FIG 24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)  
(0)Y = 400.00

DATA SET SYMBOL	CONF	QUANTIFICATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTUI26)	AEDC/VA528	(A87)-O1ETIS1-O1B/ET	.200	-4.000	300.000	4.520	SREF 2690.0000 SC.FT.
(RTUI27)	AEDC/VA528	(A87)-O1ETIS1-O1B/ET	5.200	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(RTUI30)	AEDC/VA528	(A87)-O1ETIS1-O1B/ET	-4.900	-4.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1097.0000 IN. XT
							YMRP 450.0000 IN. YT
							ZMRP 450.0000 IN. ZT
							SCALE .0100

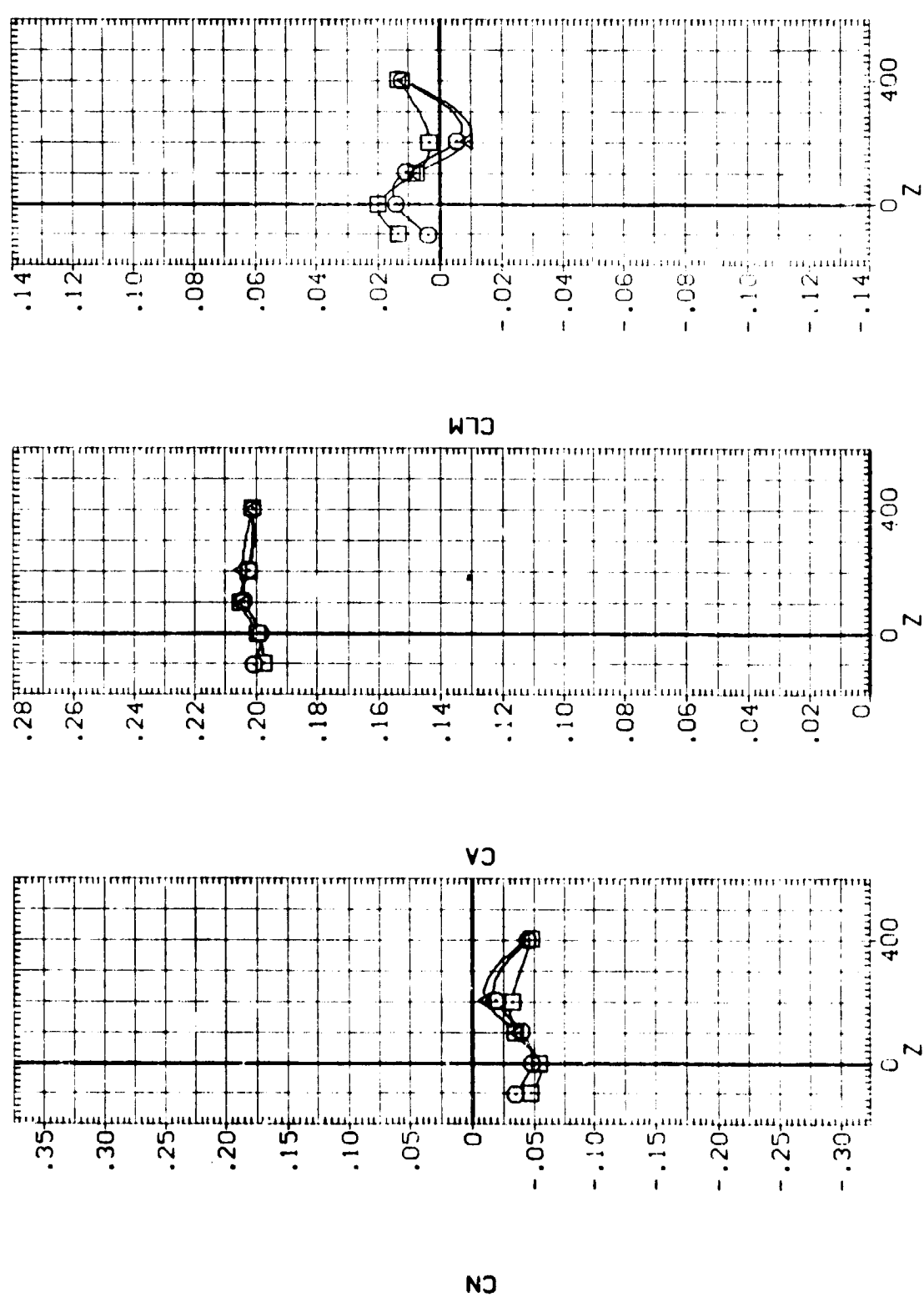


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(B)Y =100 00

PAGE 695



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU126) AEDC/VA528(1A87)-O1CT1S1-OR8/ET V R/H SRB SEPAR.  
 (RTU127) AEDC/VA528(1A87)-O1CT1S1-OR8/ET V R/H SRB SEPAR.  
 (RTU130) AEDC/VA528(1A97)-O1CT1S1-OR8/ET V R/H SRB SEPAR.

DALPHA DBETA X  
 .200 -4.000 300.000  
 5.200 -4.000 300.000  
 -4.900 -4.000 300.000

MAC+ REFERENCE INFORMATION  
 4.520 REF 2690.0000 SQ FT.  
 4.520 LREF 1250.3000 INCHES  
 4.520 GREY 1250.3000 INCHES  
 1097.0000 IN. XT  
 0000 IN. YT  
 0000 IN. ZT  
 450.0000 SCALE

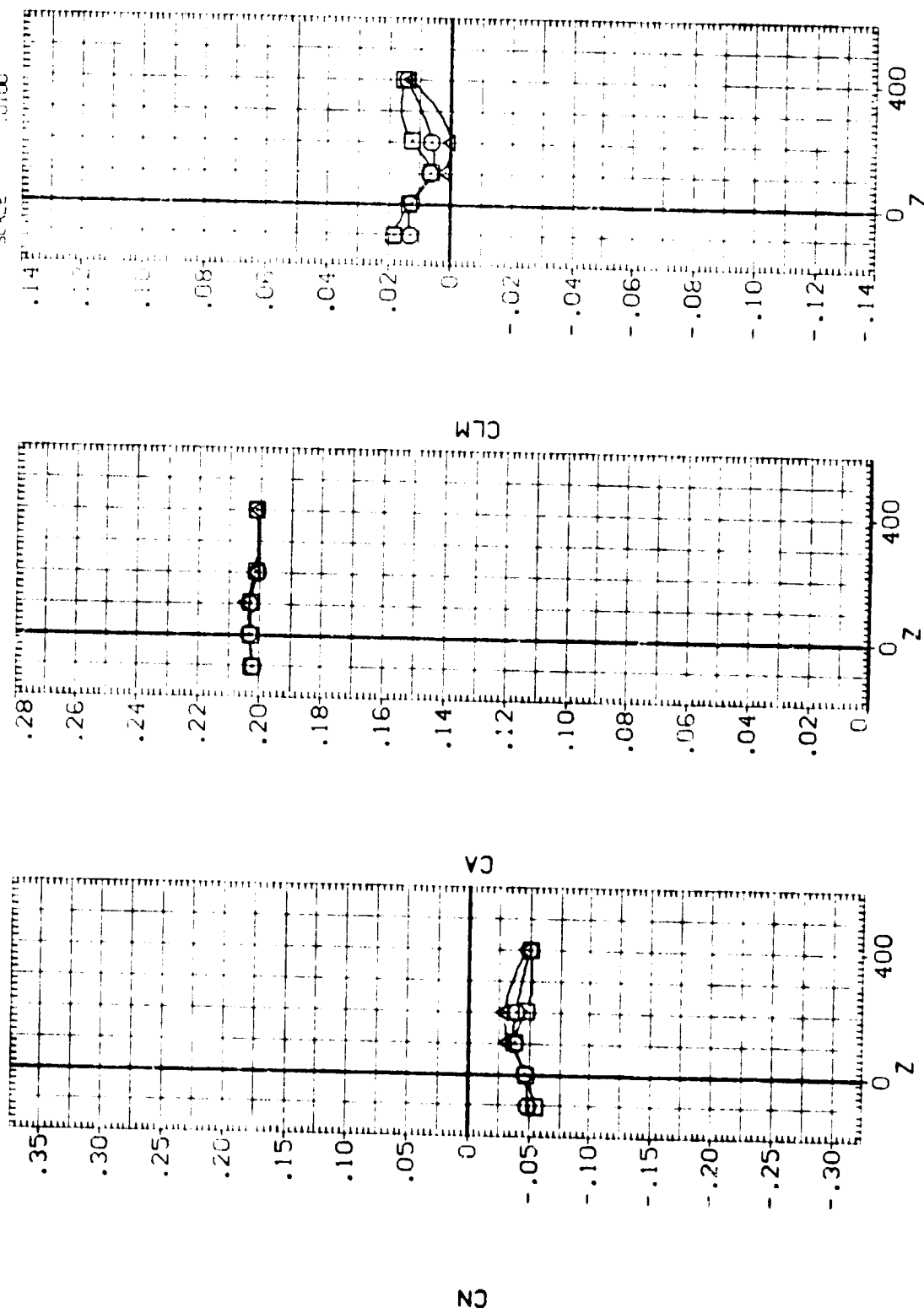


FIG.24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)  
 (C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU)26)	AEDC/VAS28([A87]-Q1ET)S1-OR8/ET V	200	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU)27)	AEDC/VAS28([A87]-Q1ET)S1-OR8/ET V	5.200	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU)30)	AEDC/VAS28([A87]-Q1ET)S1-OR8/ET V	-4.500	-4.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP .0000 IN. ZT
						SCALE 450.0000
						.0100

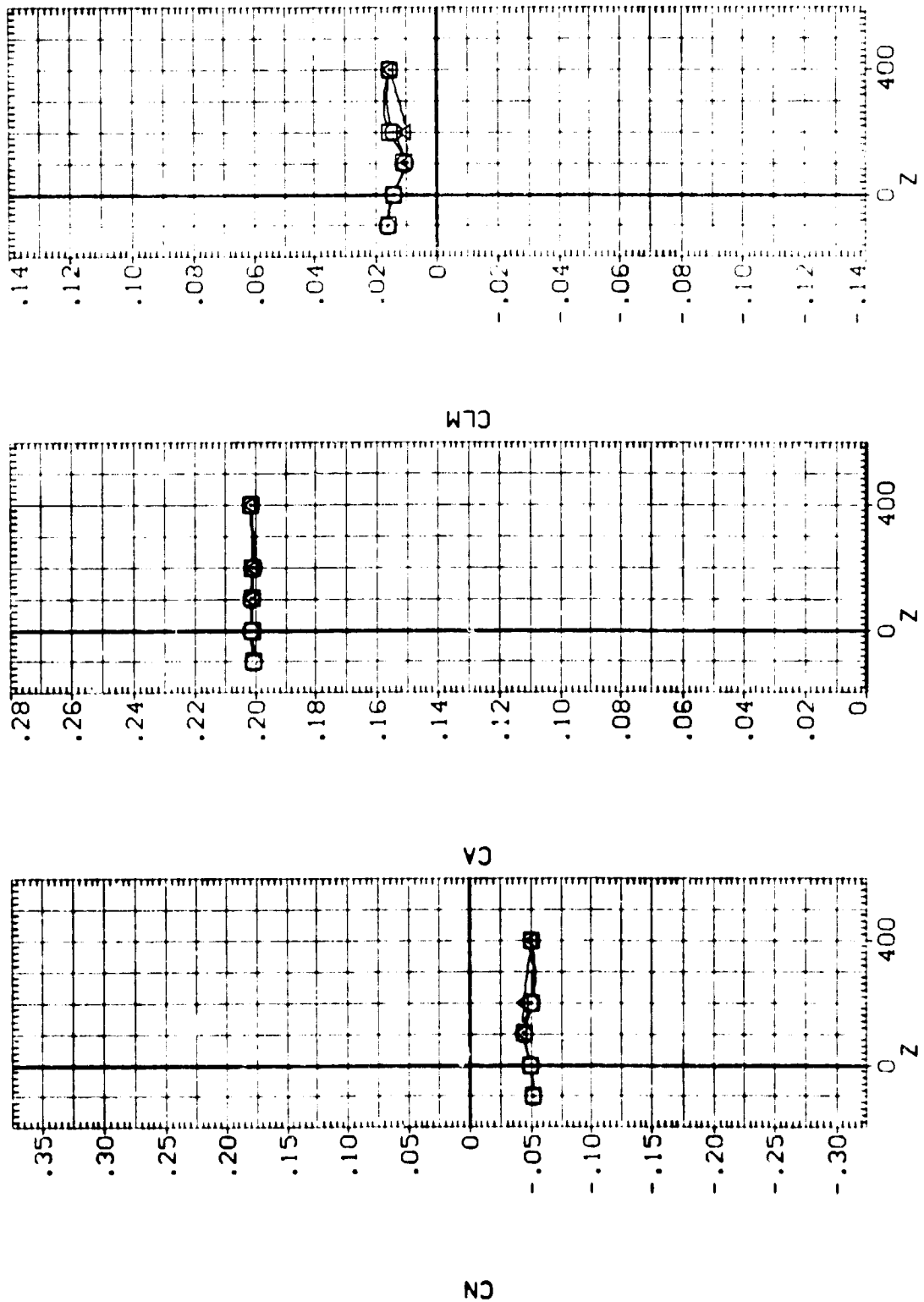


FIG.24 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(0)Y =400.00

DATA SET SYMBOL      CONFIGURATION DESCRIPTION      CALPHA      DBETA      X      MACH      REFERENCE INFORMATION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	CALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU126)	AEDC/VAS28(1A87)-01ETISI-0RB/ET	200	-4.000	300.000	4.520	SREF 2680.0000 SQ.FT.
(RTU127)	AEDC/VAS28(1A87)-01ETISI-0RB/ET	5.200	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU130)	AEDC/VAS28(1A87)-01ETISI-0RB/ET	-4.900	-4.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP 0.0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE 0.0100

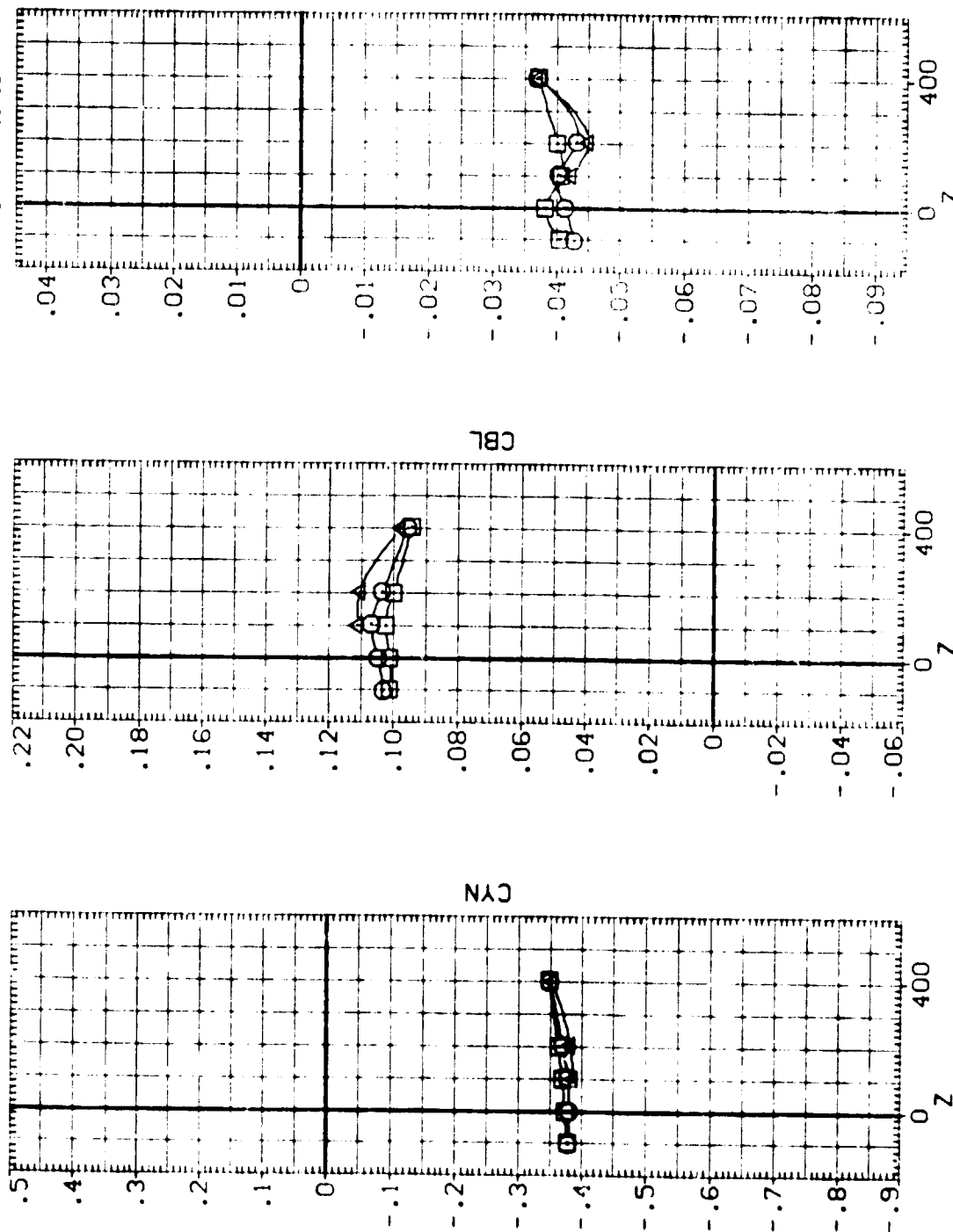


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	BETA	X	MACH	REFERENCE INFORMATION
(RTU126)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	.200	-4.000	300.000	4.520	SPFF 2690.0000 SO.FT.
(RTU127)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	5.200	-4.000	300.000	4.520	SPFF 1290.3000 INCHES
(RTU130)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	-4.900	-4.000	300.000	4.520	SPFF 1290.3000 INCHES
						SPFF 1097.0070 IN. XT
						SPFF .0000 IN. YT
						SPFF 450.0000 IN. ZT
						SCALE .0100

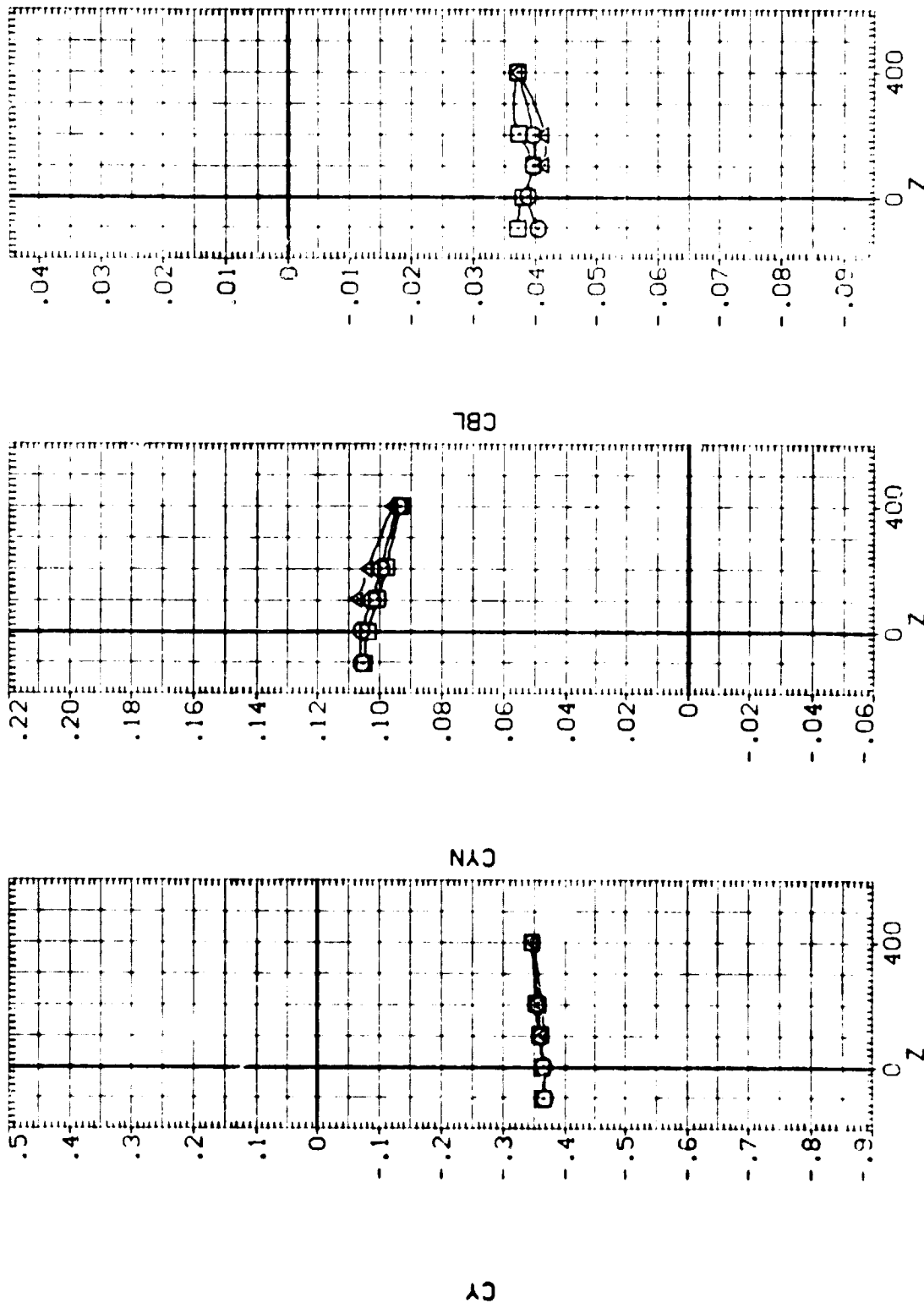


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(C)Y =200.00

DATA SET SYMBOL: CONFIGURATION DESCRIPTION: AEDC/VAS28(IAB7)-C1ET1S1-O38/ET V R/H SRB SEPAR. (RTU126)  
 (RTU127) AEDC/VAS28(IAB7)-C1ET1S1-O38/ET V R/H SRB SEPAR. (RTU127)  
 (RTU130) AEDC/VAS28(IAB7)-C1ET1S1-O38/ET V R/H SRB SEPAR. (RTU130)

REFERENCE INFORMATION:  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XRRP 1097.0000 IN. XT  
 YRRP 450.0000 IN. YT  
 ZRRP 450.0000 IN. ZT  
 SCALE .0100

MACH 4.520  
 X 300.000  
 DBETA -4.000  
 DALPHA .200  
 V R/H SRB SEPAR. 5.200  
 V R/H SRB SEPAR. -4.500

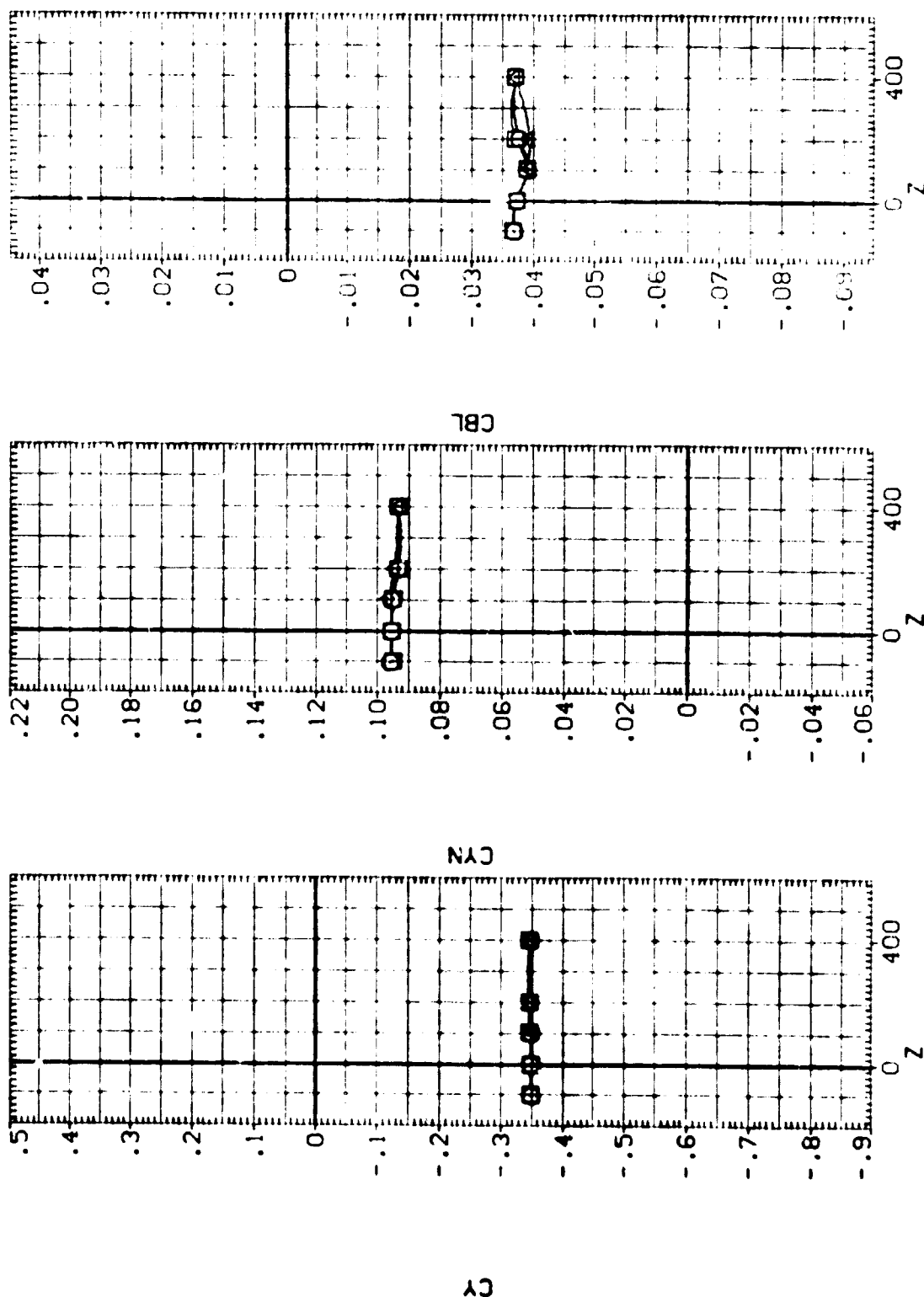


FIG.24 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(O)Y = 400.00

# DATA SET SYMBOL

(RTU131)  
(RTU134)  
(RTU135)

# CONFIGURATION DESCRIPTION

AEDC/VA528 (A87) -01ETIS1 -008/ET V R/H SR8 SEPAR.  
AEDC/VA528 (A87) -01ETIS1 -008/ET V R/H SR8 SEPAR.  
AEDC/VA528 (A87) -01ETIS1 -008/ET V R/H SR8 SEPAR.

# DATA

DAIRMA DBETA X  
200 -8.000  
5.200 -8.000  
-4.900 -8.000

# MACH

4.520  
4.520  
4.520

# REFERENCE INFORMATION

SREF 2630.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

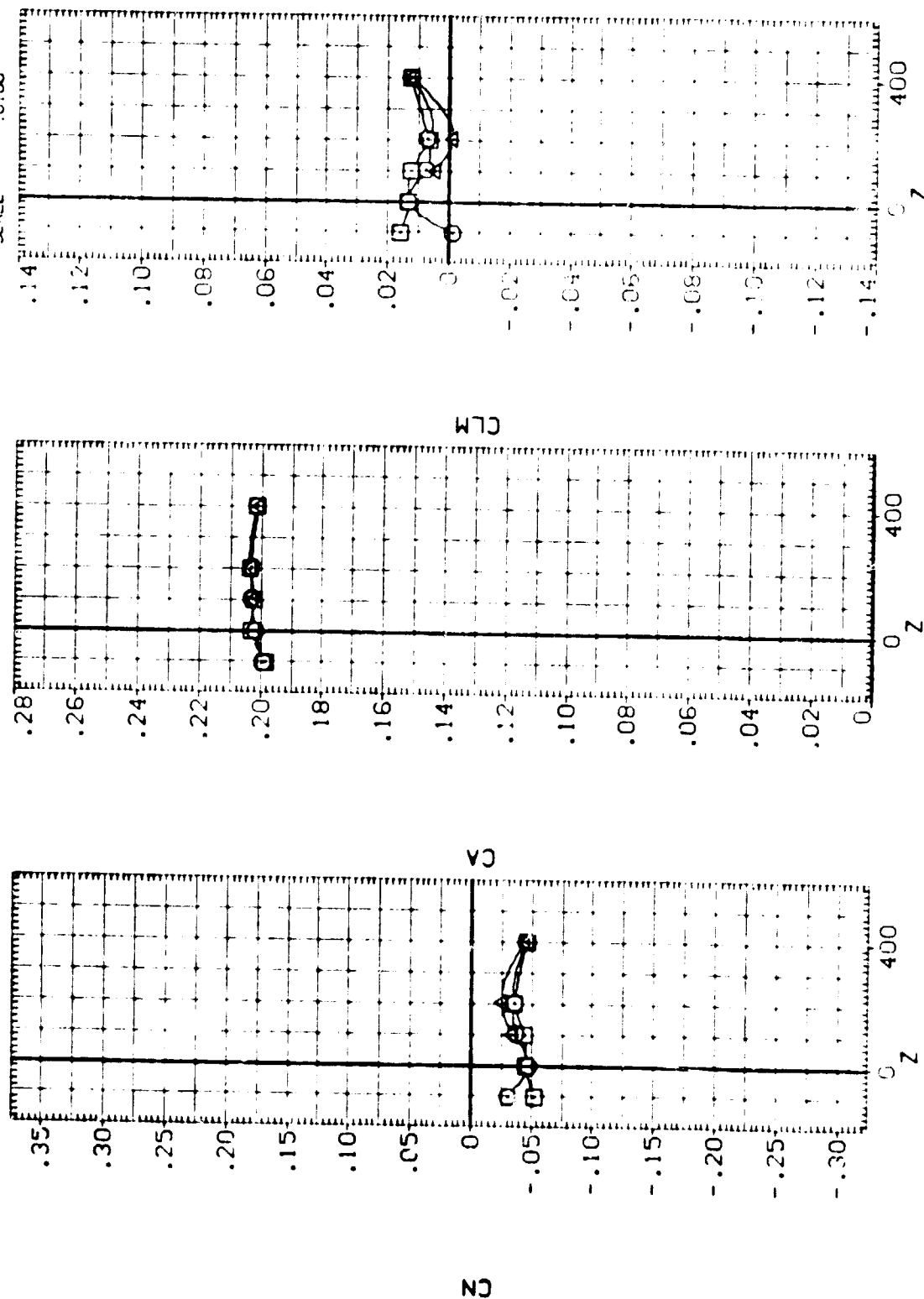


FIG.24 0/ET AERO CHARACT W/RIGHT SR3 SEPARATING (ALPHA=0 BETA=10.9)

(C)Y =200.00

DATA SET SYMBOL  
(RTU131)  
(RTU134)  
(RTU135)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01F1SI-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01F1SI-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01F1SI-0RB/ET V R/H SRB SEPAR.

ALPHA DBETA  
200 -8.000  
5.200 -8.000  
-4.500 -8.000

X .000  
.000  
.000

MACH 4.520  
4.520  
4.520

REFERENCE INFORMATION  
SRF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1087.0000 IN. Y  
YMRP .0000 IN. Y  
ZMRP 450.0000 IN. Z  
SCALE .0100

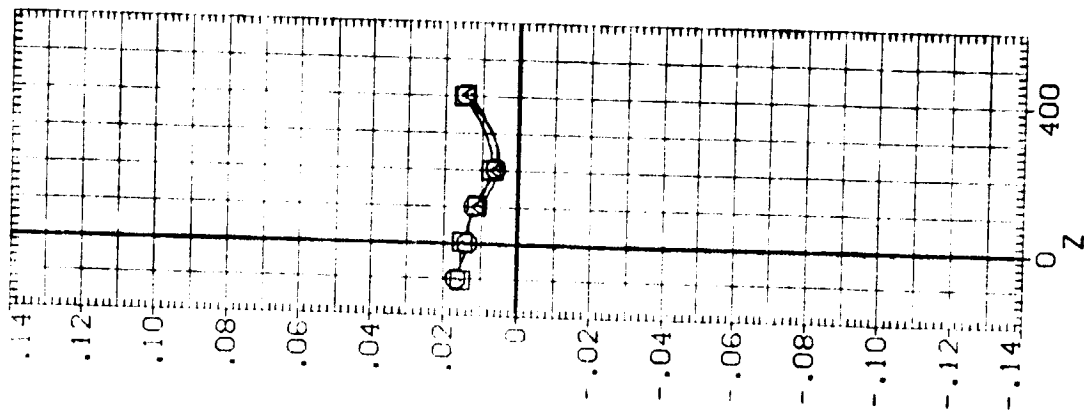
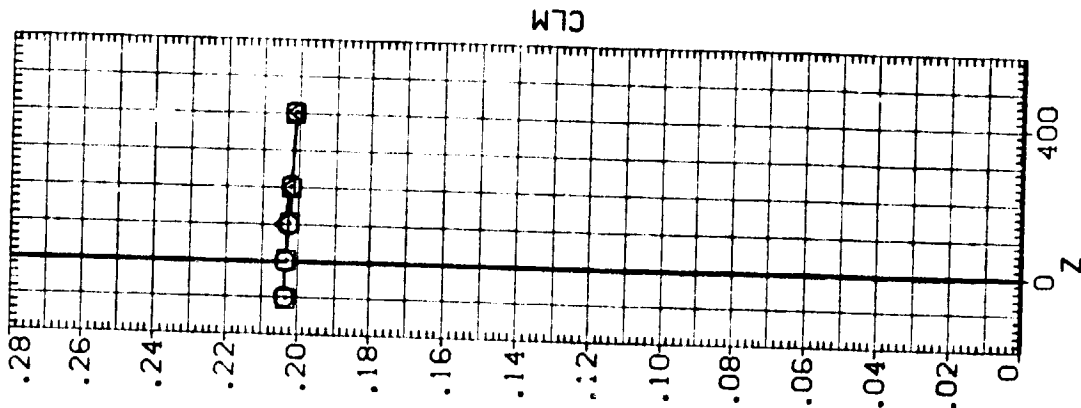
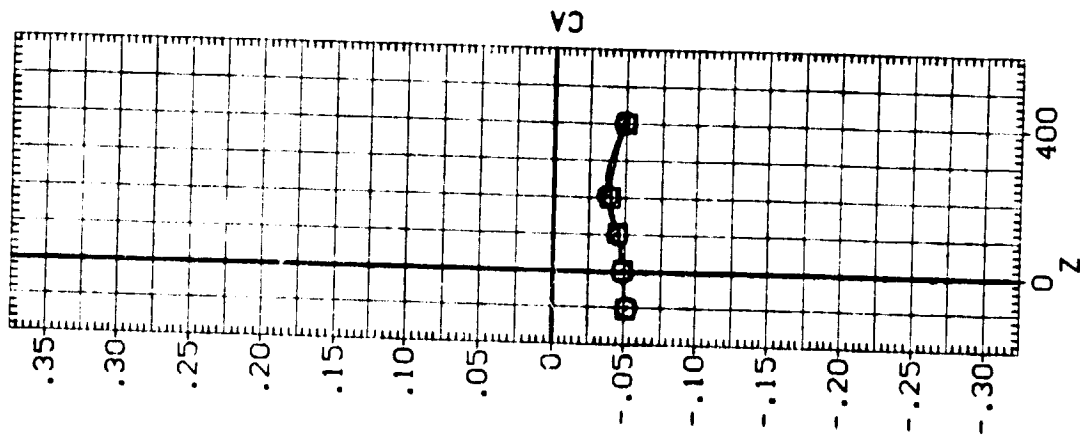



FIG.24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)  
(D)Y =400.00

DATA SET SYMBOL:  (RTU131) (RTU134) (RTU135)

CONFIGURATION DESCRIPTION:  
 AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

PARAMETERS:  
 ALPHA: .200  
 DBETA: -8.000  
 MACH: 4.520  
 X: .000  
 SREF: 2690.0000 SQ.FT.  
 LREF: 1290.3000 INCHES  
 BREF: 1290.3000 INCHES  
 XMRP: 1097.0000 IN. XT  
 YMRP: .0000 IN. YT  
 ZMRP: 450.0000 IN. ZT  
 SCALE: .0100

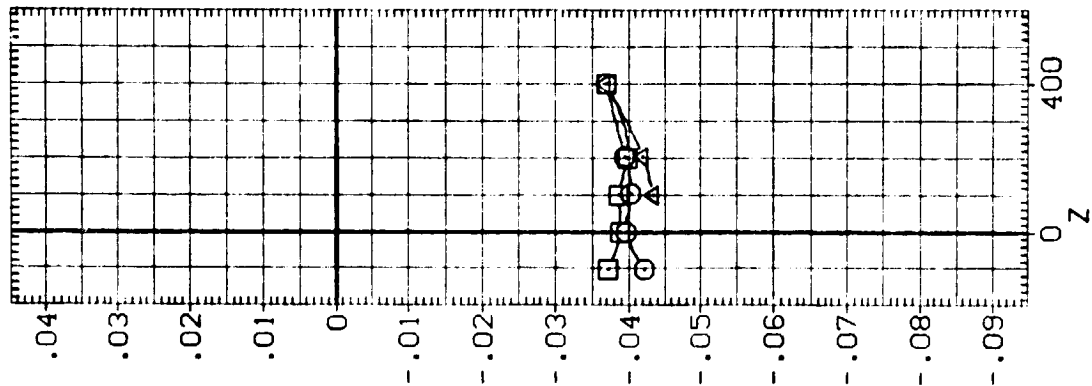
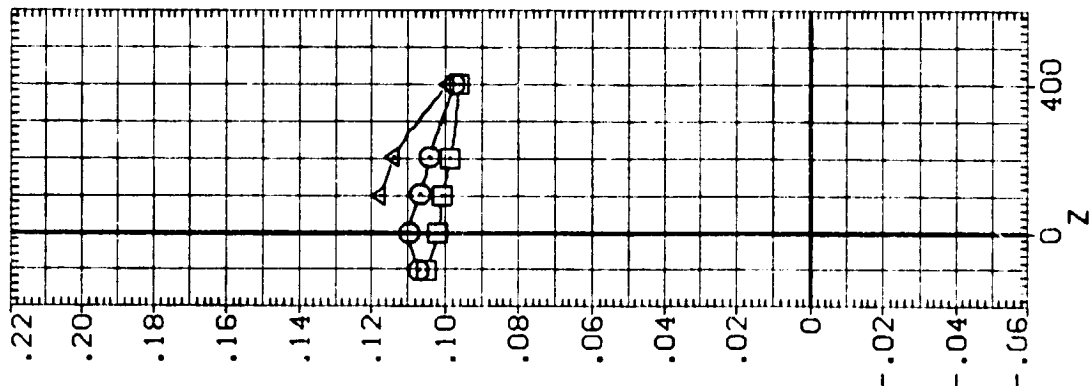
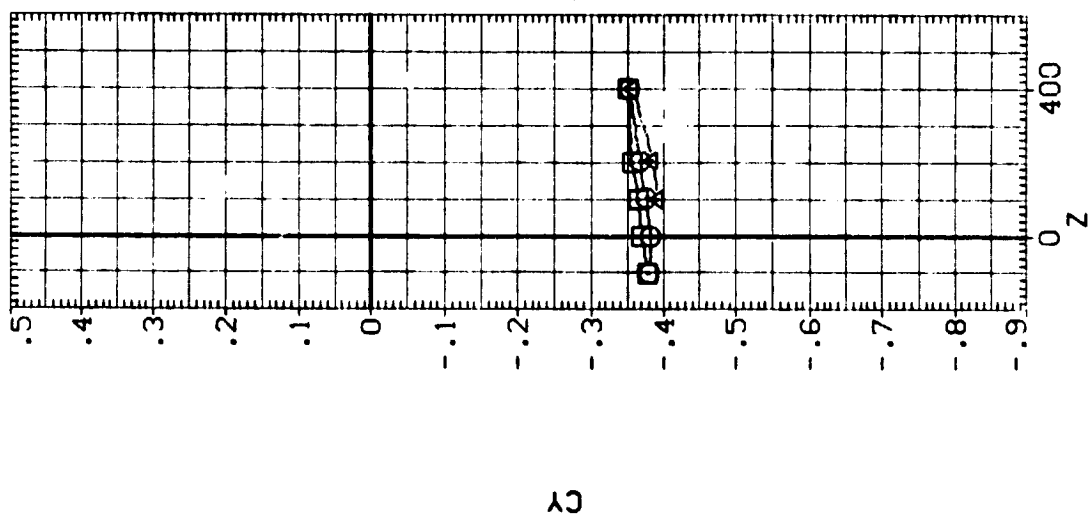


FIG.24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(C)Y =200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTUI31) AEDC/VA528(1A87)-O1ET1S1-OR8/ET V R/H SRB SEPAR.  
 (RTUI34) AEDC/VA528(1A87)-O1ET1S1-OR8/ET V R/H SRB SEPAR.  
 (RTUI35) AEDC/VA528(1A87)-O1ET1S1-OR8/ET V R/H SRB SEPAR.

MACH	X	DALPHA	DBETA	REFERENCE INFORMATION
4.520	.000	200	-8.000	SREF 2690.0000 SQ.FT.
4.520	.000	5.200	-8.000	LREF 1290.3000 INCHES
4.520	.000	-4.900	-0.000	BREF 1290.3000 INCHES
				XMRP 1097.0000 IN. XT
				ZMRP 450.0000 IN. ZT
				SCALE .0100

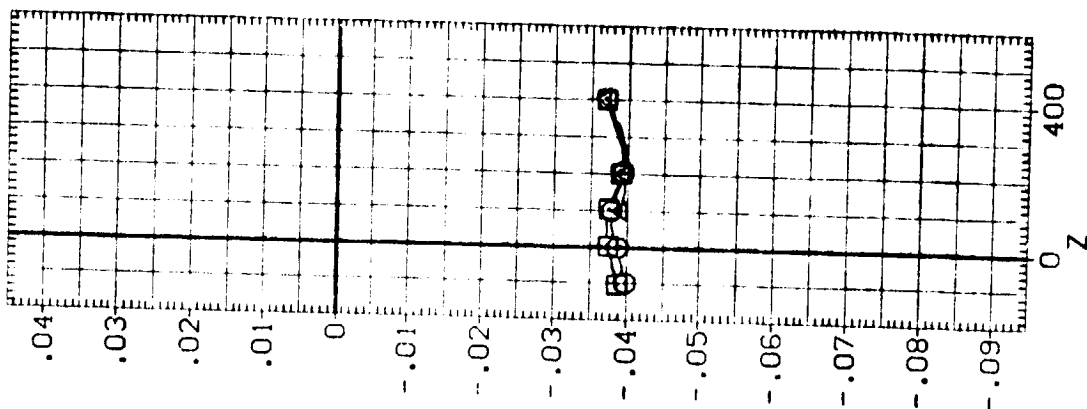
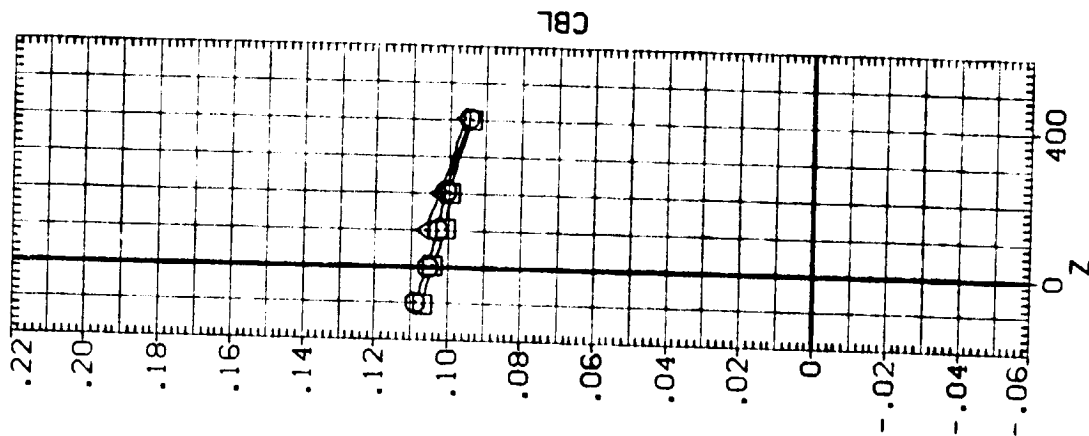
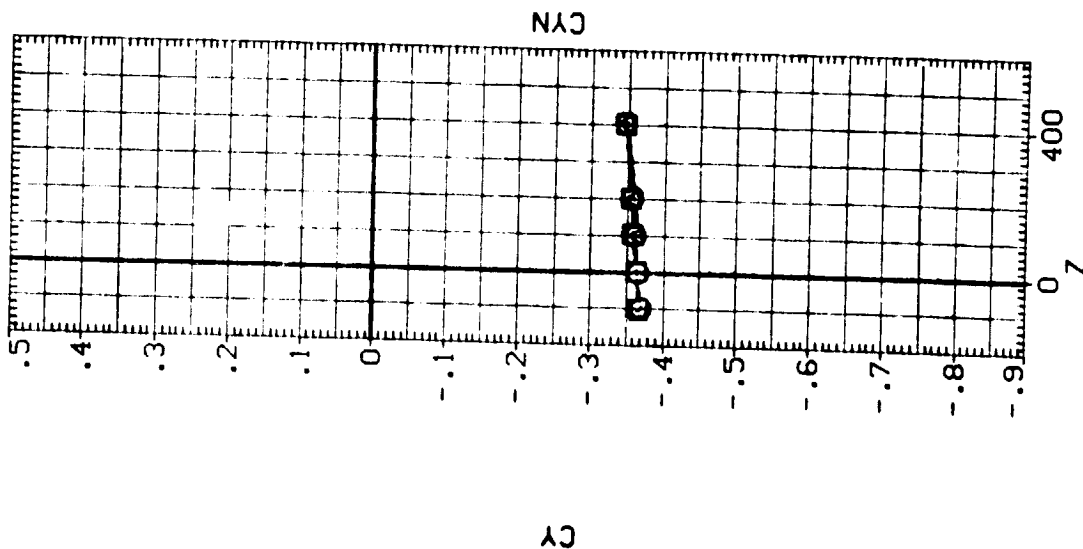


FIG.24 O/ET AERO CHARACTERISTICS W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)  
 (CY) = 400.00

DATA SET SYMBOL  
(RTU132)  
(RTU133)  
(RTU136)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET

DELTA  
200  
5.200  
-4.900

DBETA  
-8.000  
-8.000  
-8.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 50. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
YMRP 1097.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

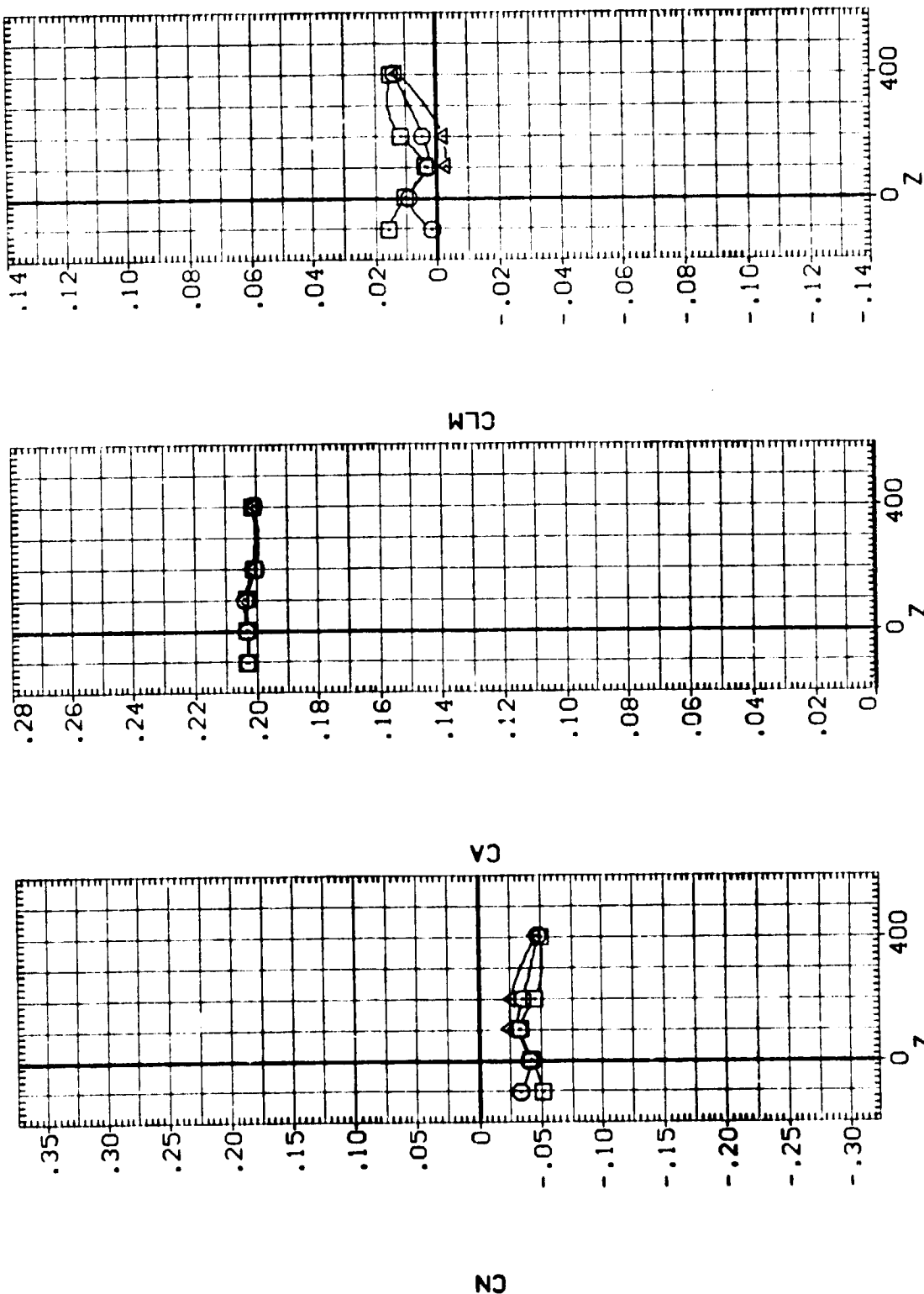


FIG.24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(C)Y =200.00

DATA SET SYMBOL: (RTUI32) (RTUI33) (RTUI36)

CONFIGURATION DESCRIPTION:  
 AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
 AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION:  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP 0.0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

MACH: 4.520 4.520 4.520  
 X: 300.000 300.000 300.000  
 Y: 0.000 0.000 0.000  
 Z: 0.000 0.000 0.000

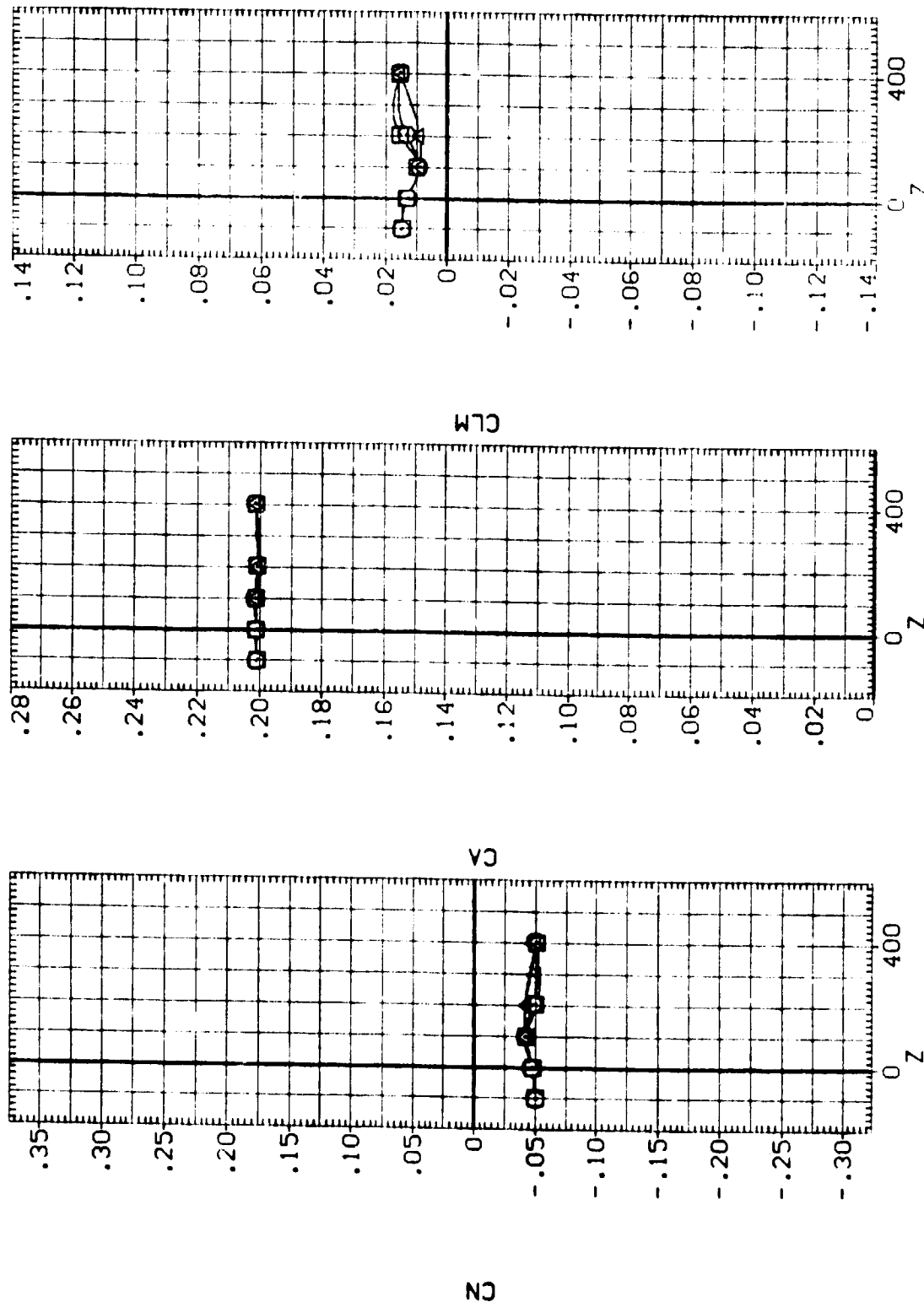


FIG.24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(D)Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU132)	AEDC/VAS28(1A87)-01ET1S1-OR8/ET	.200	-8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU133)	AEDC/VAS28(1A87)-01ET1S1-OR8/ET	.200	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU136)	AEDC/VAS28(1A87)-01ET1S1-OR8/ET	-4.500	-8.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. YI
						YMRP .0000 IN. YI
						ZMRP 450.0000 IN. ZI
						SCALE .0100

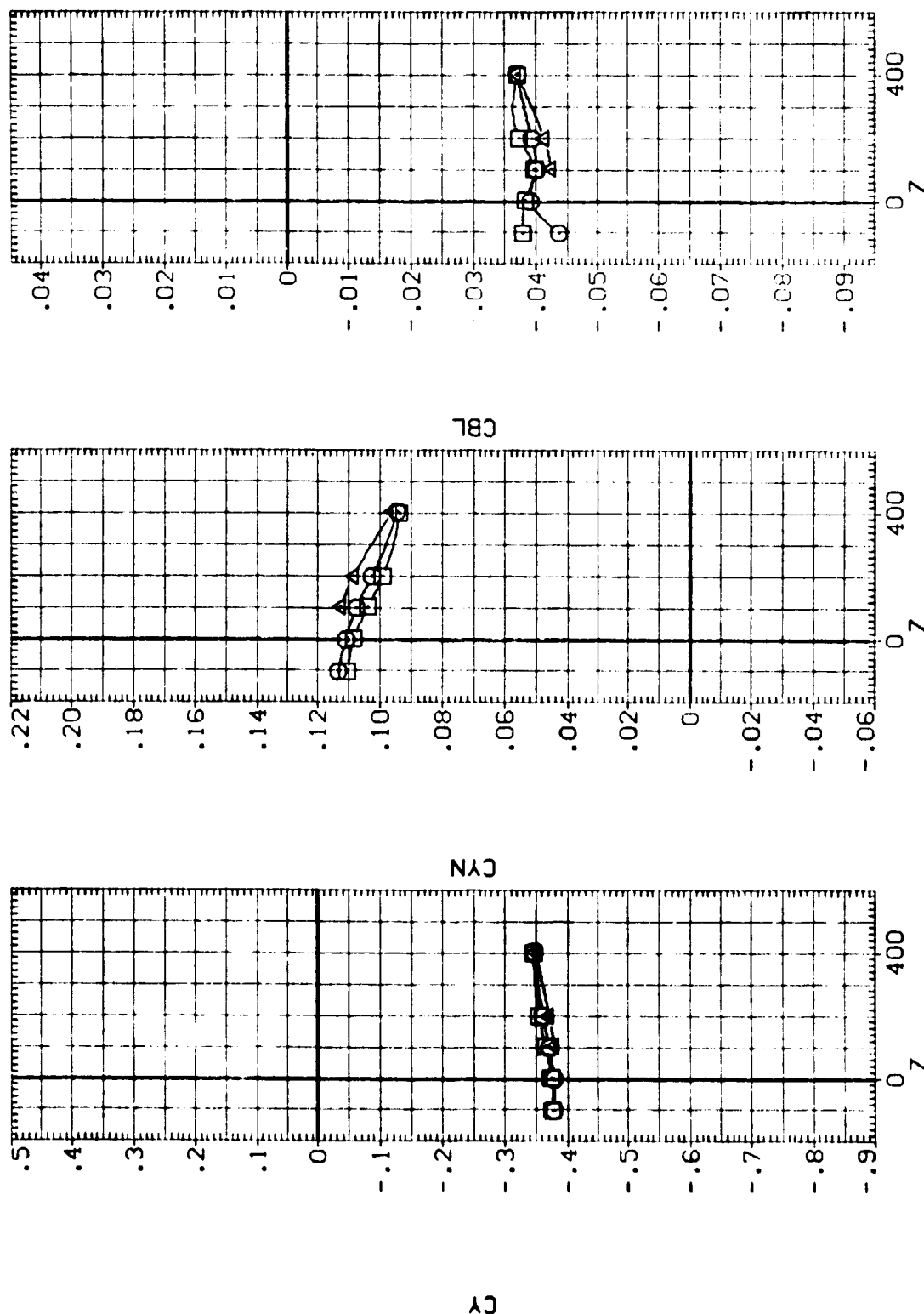


FIG.24 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0 BETA=10.9)

(C)Y =200.00



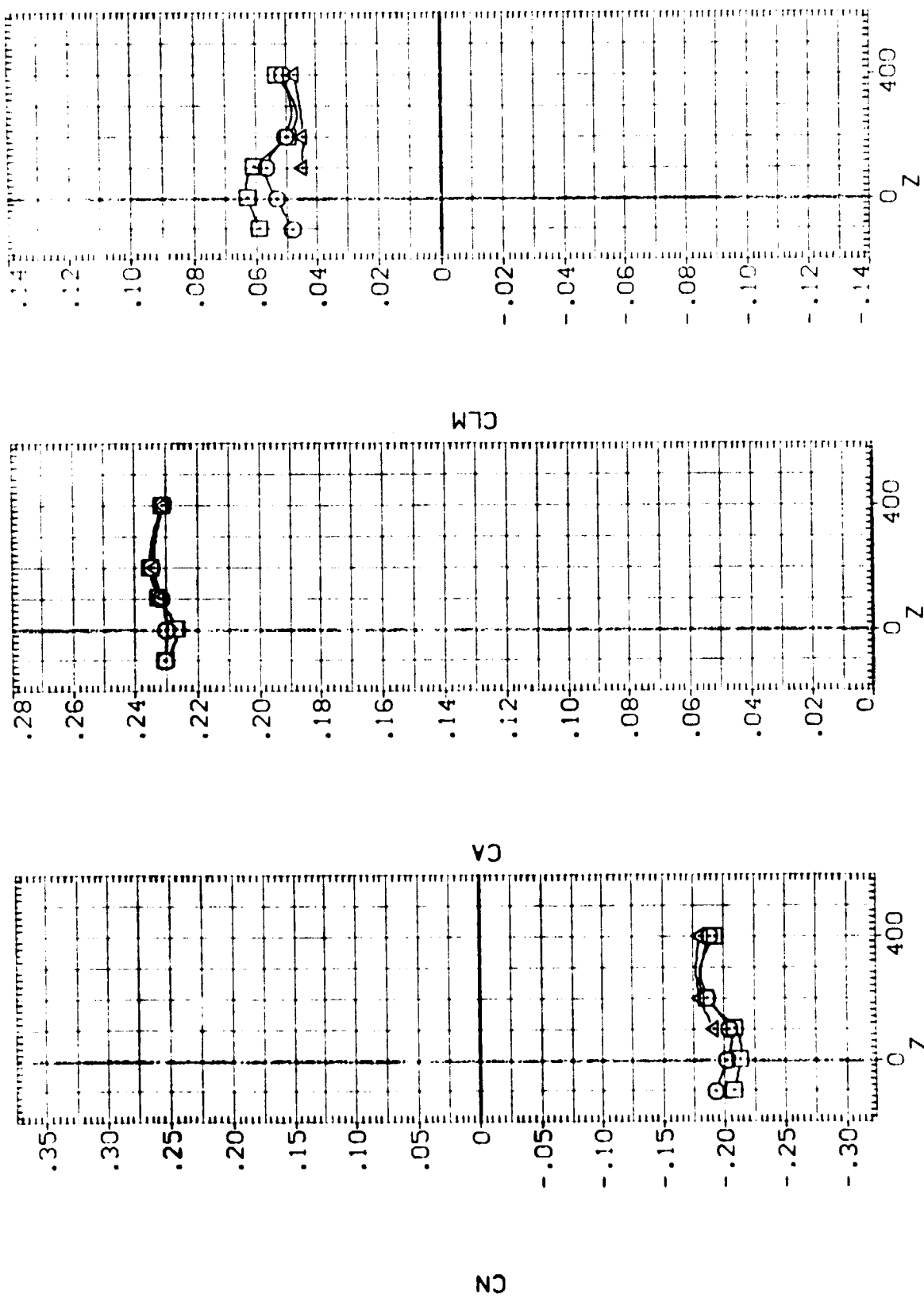
[illegible]

FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING ( LPHA=-5.9 BETA=10.8)

(A)Y = 10.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU155)  
(RTU156)  
(RTU159)

AEDC/VAS28(IAB7)-O1ET1S1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-O1ET1S1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-O1ET1S1-OR8/ET V R/H SRB SEPAR.

DALPHA

BETA

X

MACH

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

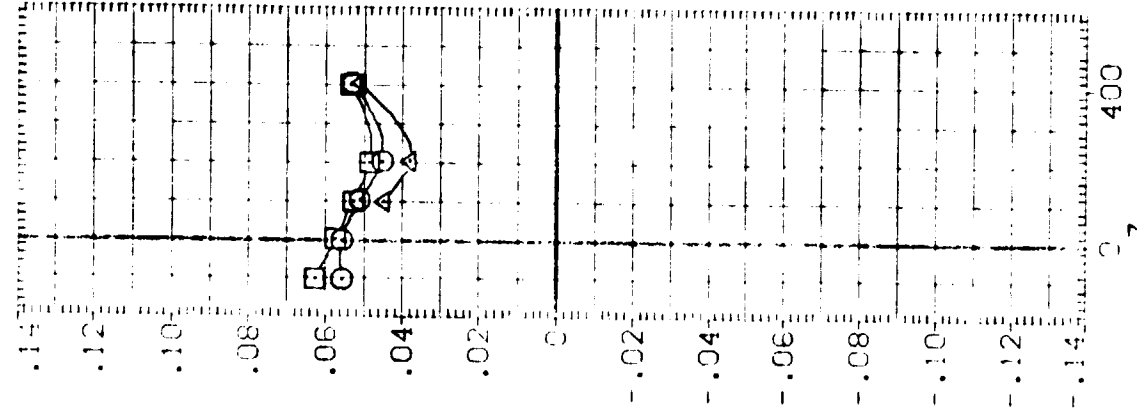
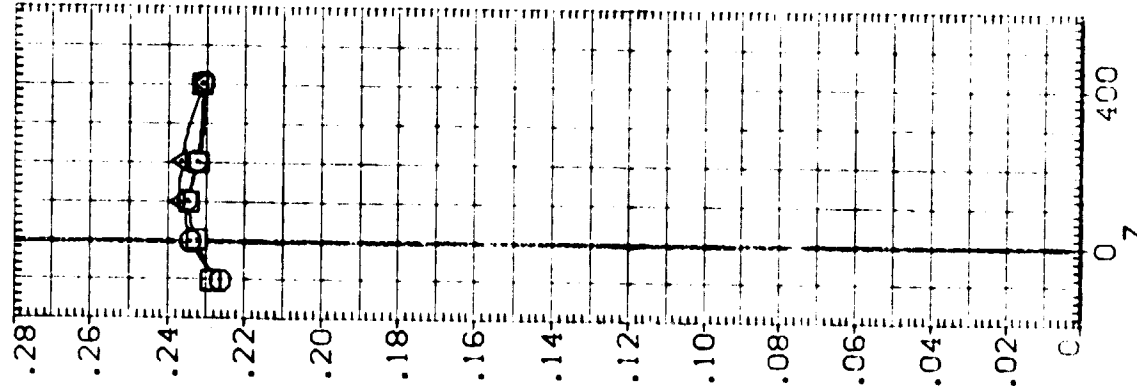
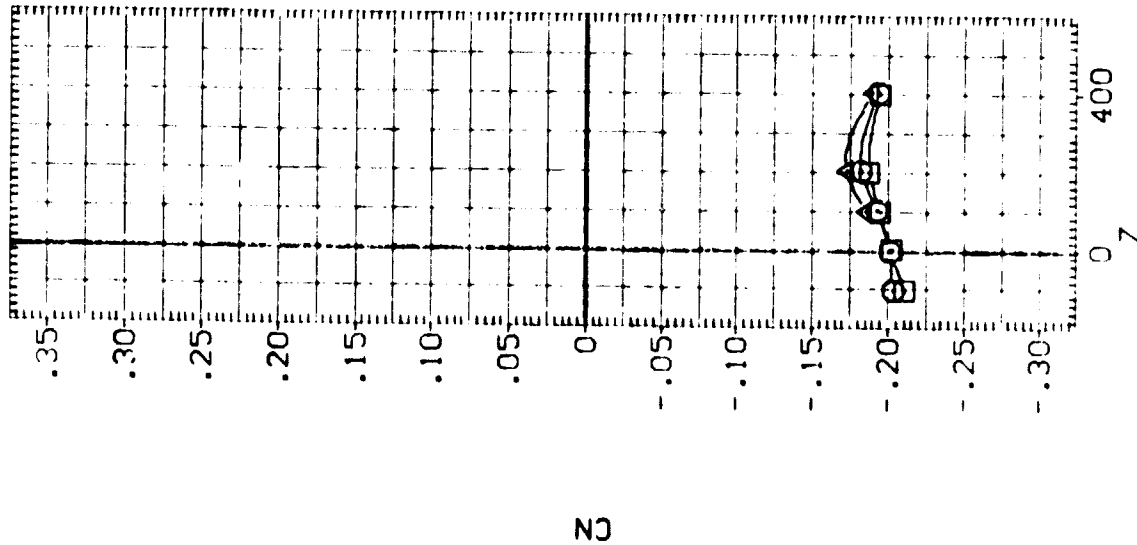


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE INFORMATION
(RTU155)	AEDC/VAS28(1AB)-01E1SI-OR8/ET	200	.000	.000	4.520	SRF 2690.0000 SO.FT.
(RTU158)	AEDC/VAS28(1AB)-01E1SI-OR8/ET	5.200	.000	.000	4.520	SRF 1290.3000 INCHES
(RTU159)	AEDC/VAS28(1AB)-01E1SI-OR8/ET	-4.800	.000	.000	4.520	SRF 1290.3000 INCHES
						SRF 1097.0000 IN. YI
						SRF 0.0000 IN. YI
						SRF 450.0000 IN. YI
						SCALE .0100

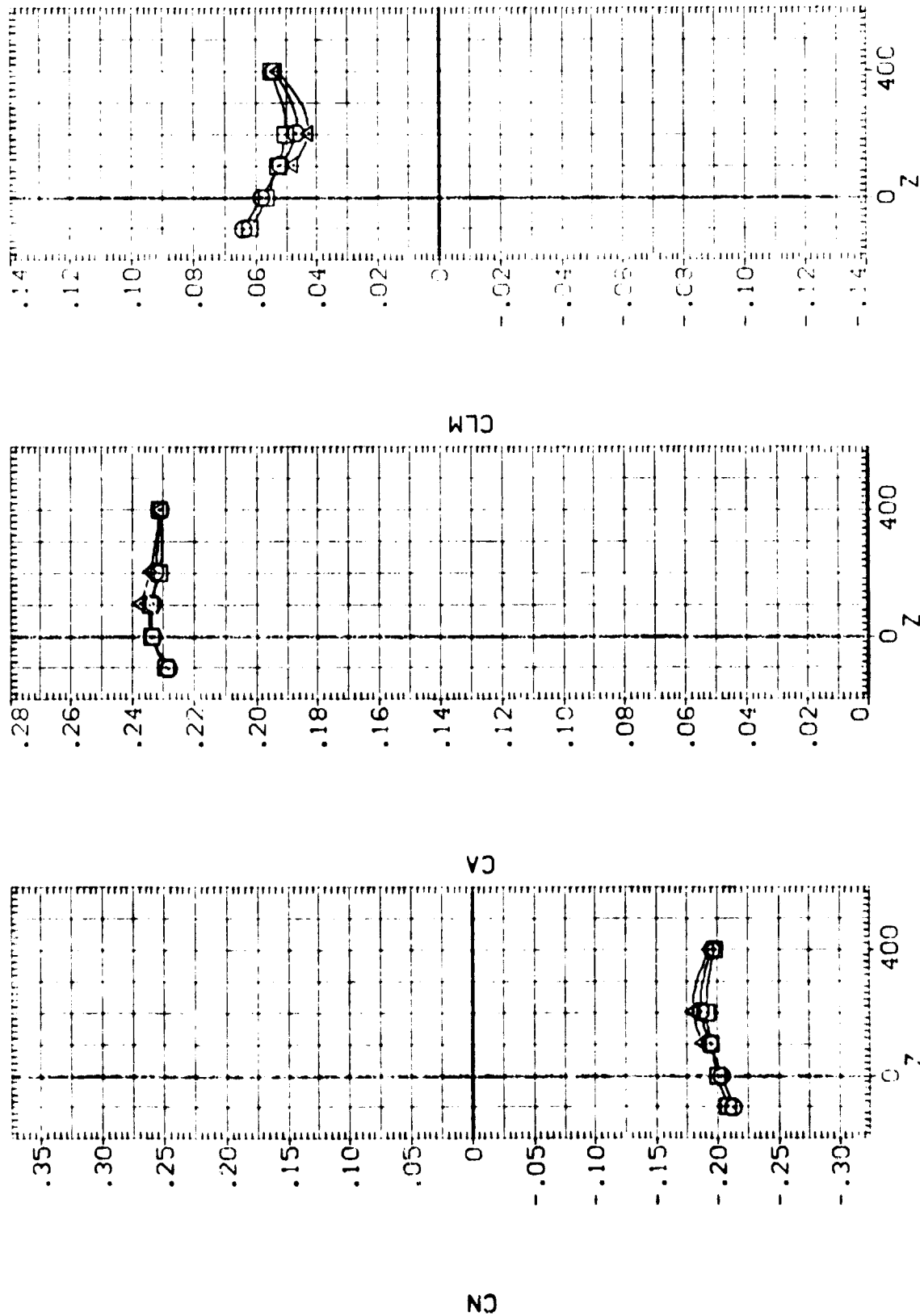


FIG.25 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(C)Y =200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU155) AEDC VA5281 TAB7 - C1E1T1S1 - C8B/ET V R/H SRB SEPAR.

(RTU156) AEDC VA5281 TAB7 - C1E1T1S1 - C8B/ET V R/H SRB SEPAR.

(RTU159) AEDC VA5281 TAB7 - C1E1T1S1 - C8B/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU155) AEDC VA5281 TAB7 - C1E1T1S1 - C8B/ET V R/H SRB SEPAR.

(RTU156) AEDC VA5281 TAB7 - C1E1T1S1 - C8B/ET V R/H SRB SEPAR.

(RTU159) AEDC VA5281 TAB7 - C1E1T1S1 - C8B/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU155) AEDC VA5281 TAB7 - C1E1T1S1 - C8B/ET V R/H SRB SEPAR.

(RTU156) AEDC VA5281 TAB7 - C1E1T1S1 - C8B/ET V R/H SRB SEPAR.

(RTU159) AEDC VA5281 TAB7 - C1E1T1S1 - C8B/ET V R/H SRB SEPAR.

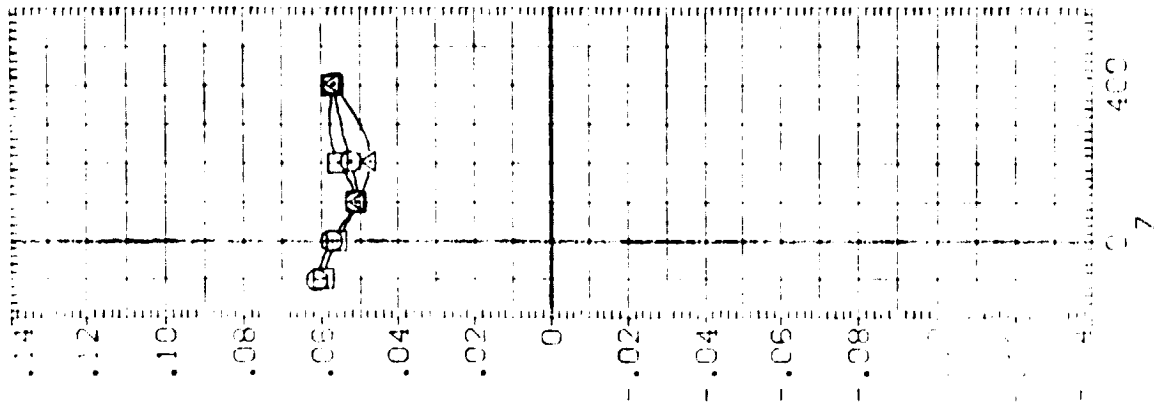
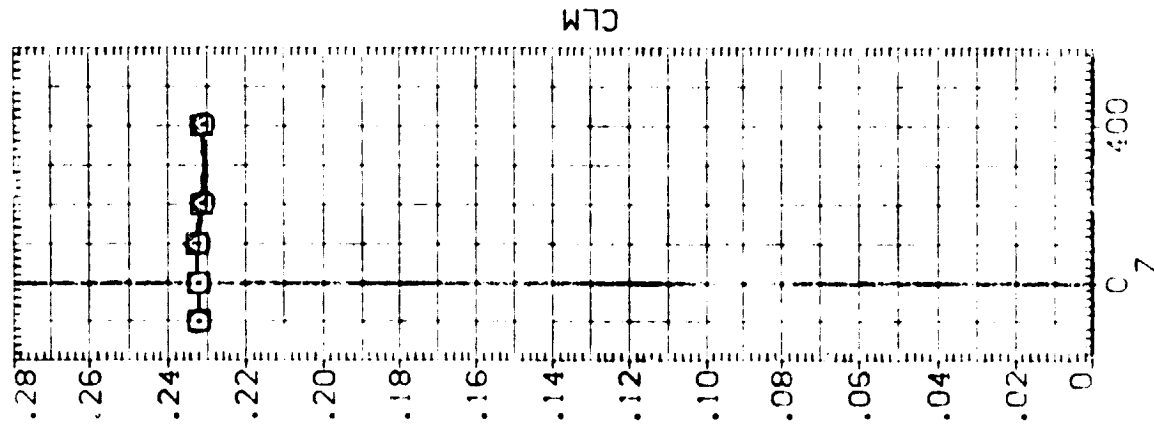
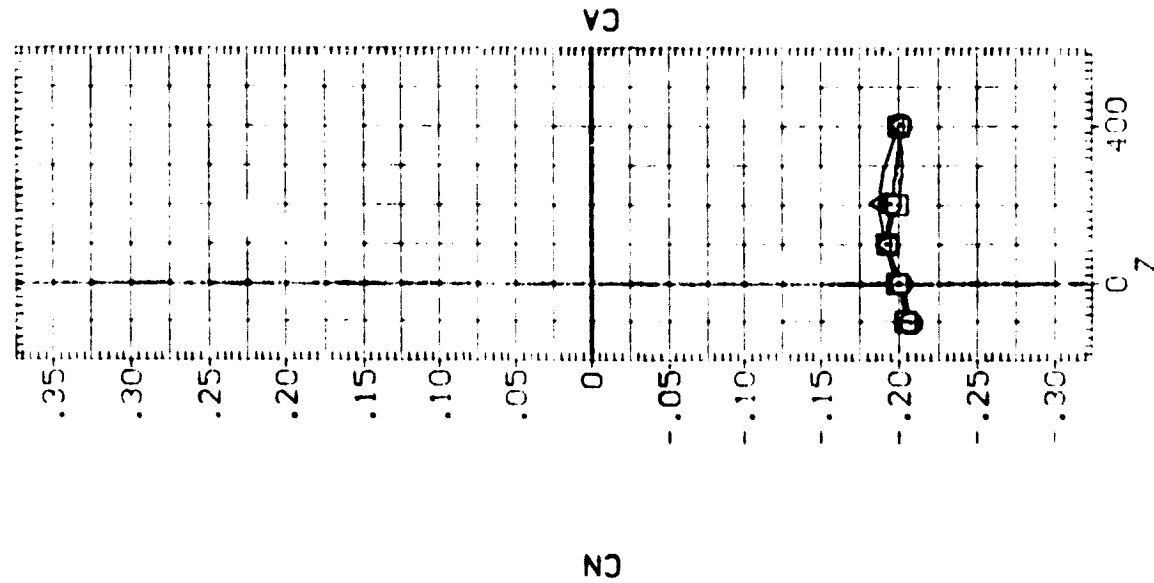


FIG.25 C/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=5.3 BETA=0.8)



DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU155) AEDC/VA528(IAB7)-O1ETIS1-OR8/ET V R/H SR8 SEPAR. DALPHA DBETA X MACH REFERENCE INFORMATION SO.FT. INCHES

(RTU158) AEDC/VA528(IAB7)-O1ETIS1-OR8/ET V R/H SR8 SEPAR. 5.200 .000 4.520 4.520 290.300 290.300 1097.0000 450.0000 .0100

(RTU159) AEDC/VA528(IAB7)-O1ETIS1-OR8/ET V R/H SR8 SEPAR. -4.800 .000 4.520 4.520 290.300 290.300 1097.0000 450.0000 .0100

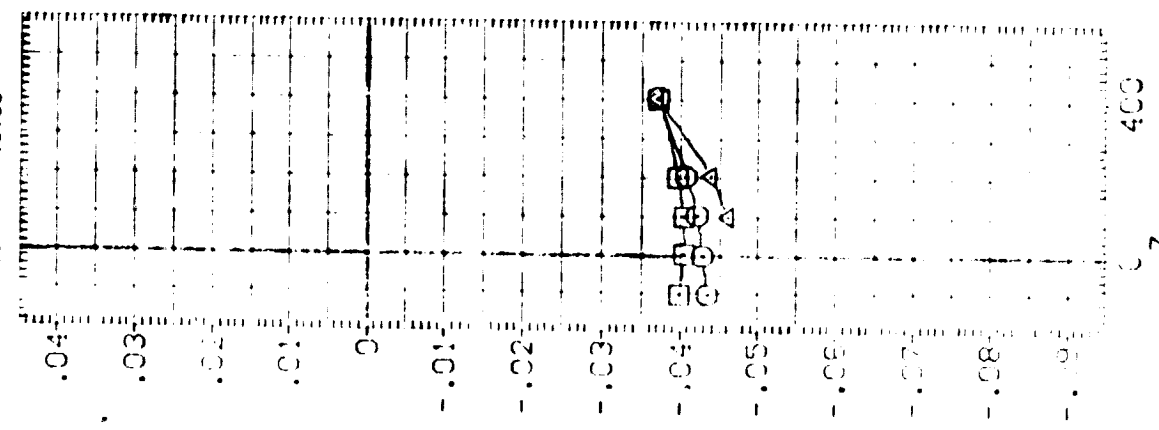
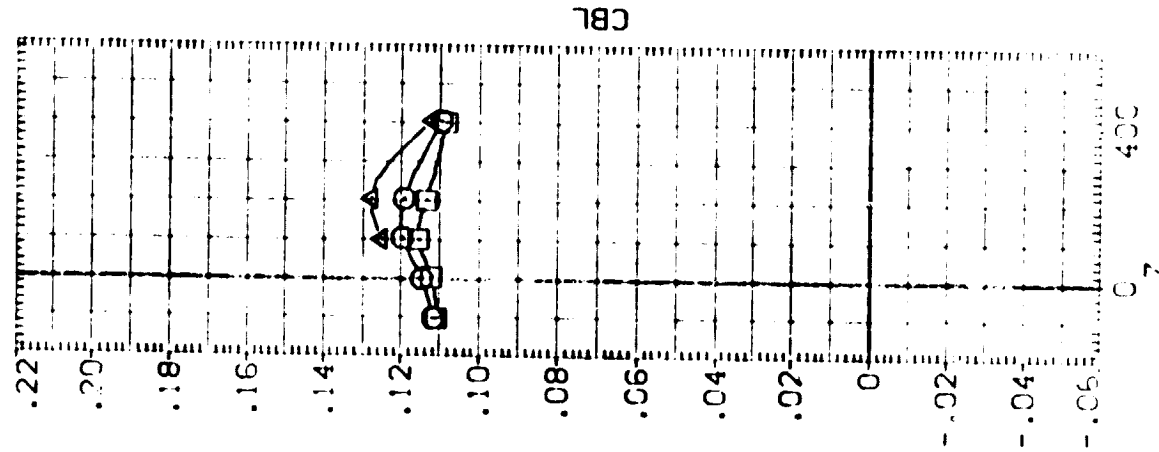
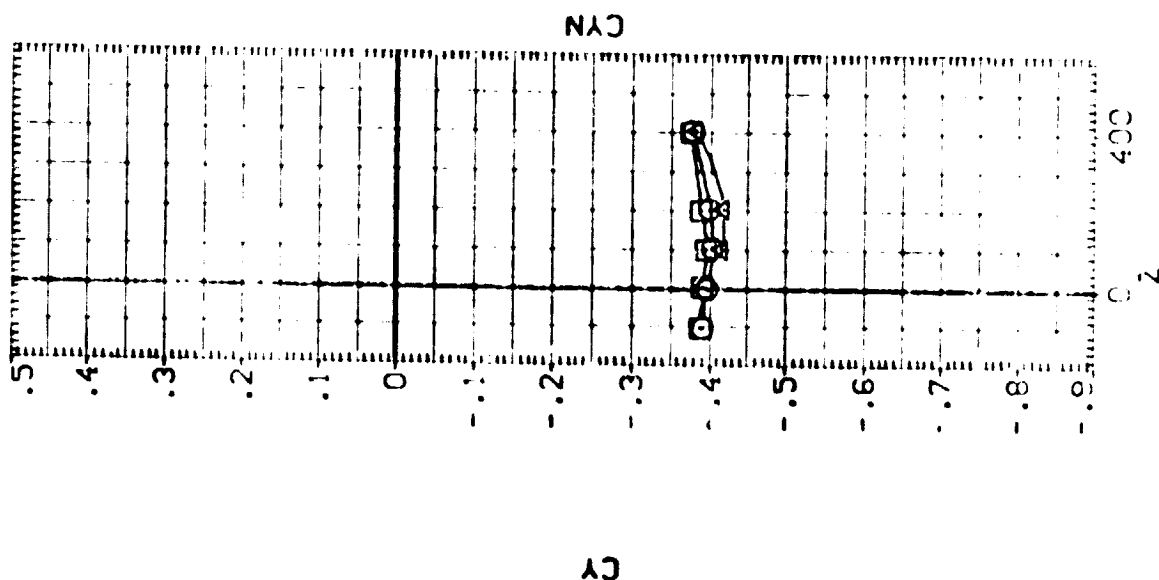


FIG.25 O/ET AERO CHARACT W/RIGHT SR8 SEPARATING (ALPHA=5.9 BETA=0.8)

(B)Y =100.00

PAGE 14

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	DBETA	MACH	REFERENCE INFORMATION
(RTUI55)	AEDC/VA528(1A87)-01ETIS1-0RB/ET	R/H SRB SEPAR.	.200	4.520	SREF 2690.0000 SQ.FT.
(RTUI58)	AEDC/VA528(1A87)-01ETIS1-0RB/ET	R/H SRB SEPAR.	5.200	4.520	LREF 1290.3000 INCHES
(RTUI59)	AEDC/VA528(1A87)-01ETIS1-0RB/ET	R/H SRB SEPAR.	-4.800	4.520	BREF 1290.3000 INCHES
					XMRP 1097.0000 IN. XT
					YMRP .0000 IN. YT
					ZMRP 450.0000 IN. ZT
					SCALE .0100

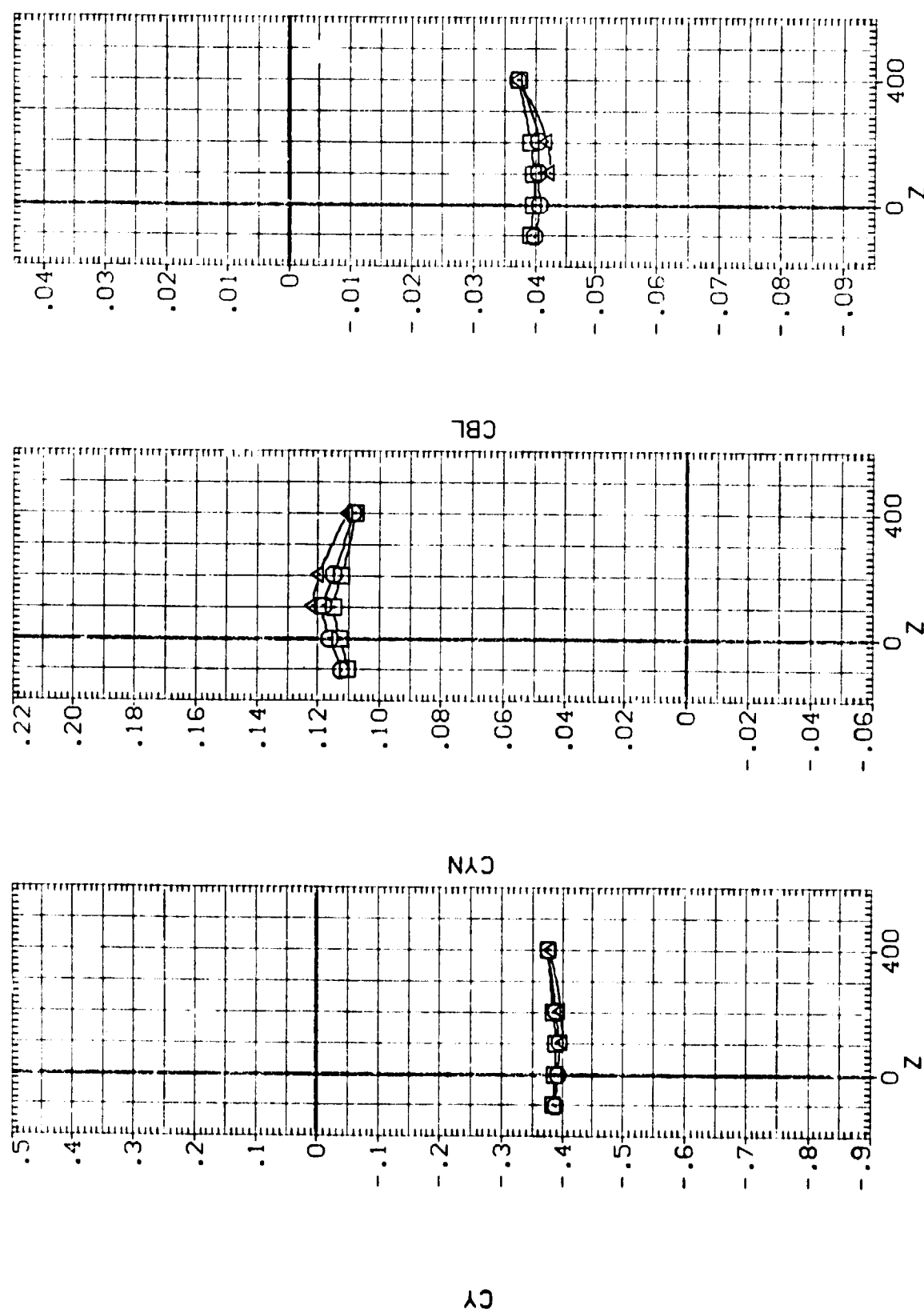


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(CY) =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTUI55)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	.200	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTUI58)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(RTUI59)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	-4.800	.000	.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. XT
						ZMRP .0000 IN. YT
						SCALE 450.0000 IN. ZT

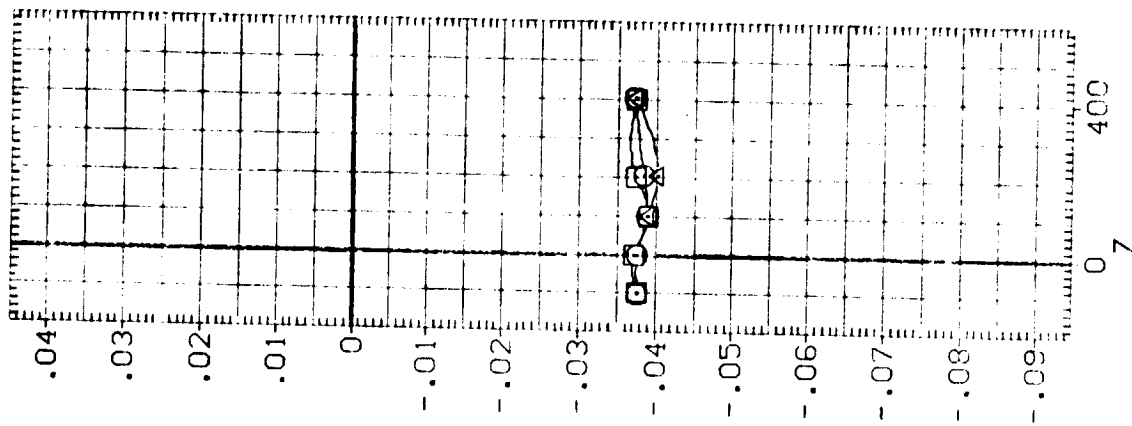
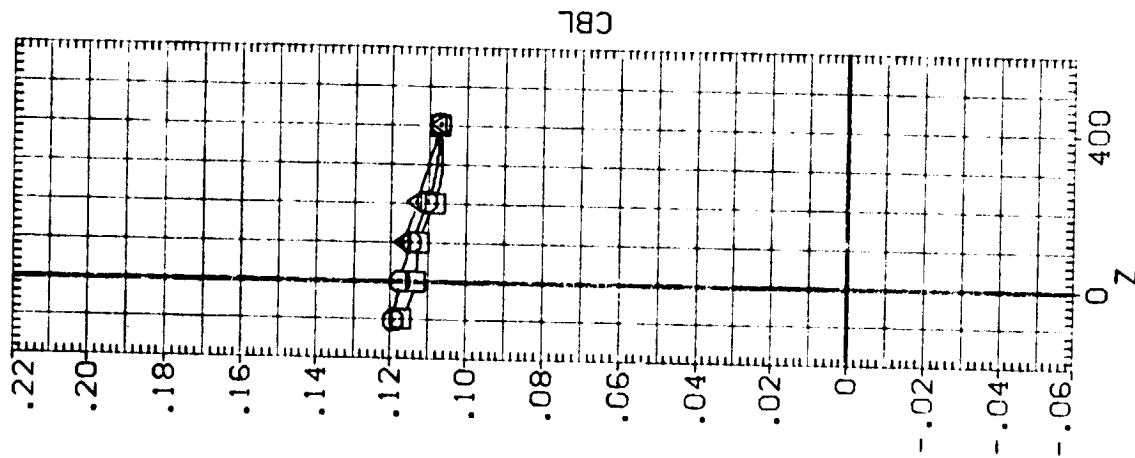
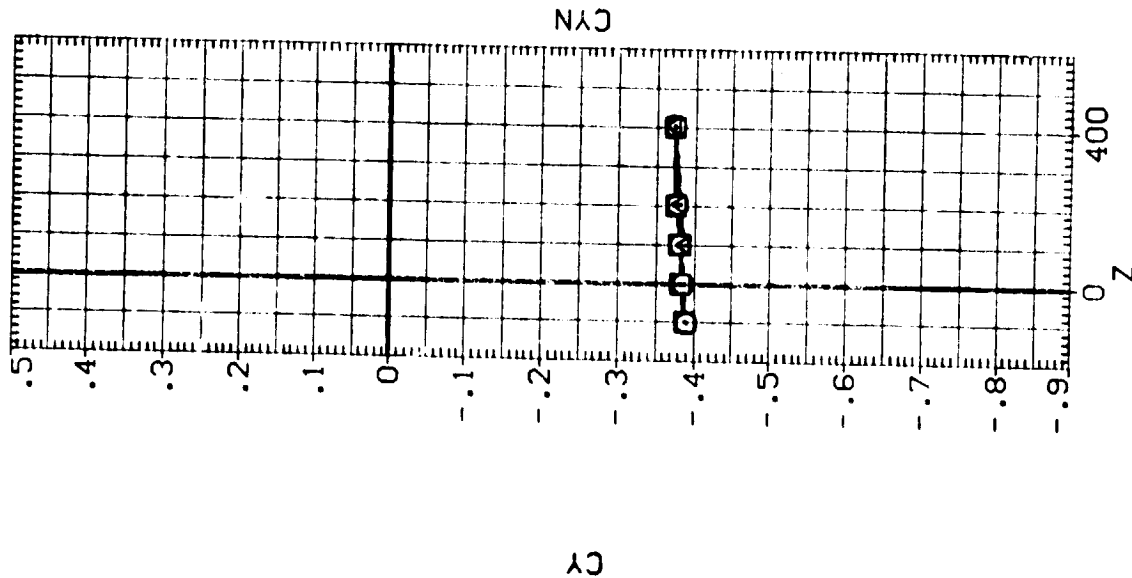


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)  
(D)Y =400.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU156)	AEDC/VAS28(IAB7)-O1ET1S1-O1B/ET	V	R/H	SRB	SEPAR.	DALPHA	UBETA	X	MACH	REFERENCE INFORMATION
(RTU157)	AEDC/VAS28(IAB7)-O1ET1S1-O1B/ET	V	R/H	SRB	SEPAR.	5.200	.000	300.000	4.520	SREF 2690.0000
(RTU160)	AEDC/VAS28(IAB7)-O1ET1S1-O1B/ET	V	R/H	SRB	SEPAR.	-4.800	.000	300.000	4.520	LREF 1290.3000
									4.520	BREF 1290.3000
										YMRP 1097.0000
										IN. XT
										IN. YT
										IN. ZT
										SCALE 450.0000
										0.100

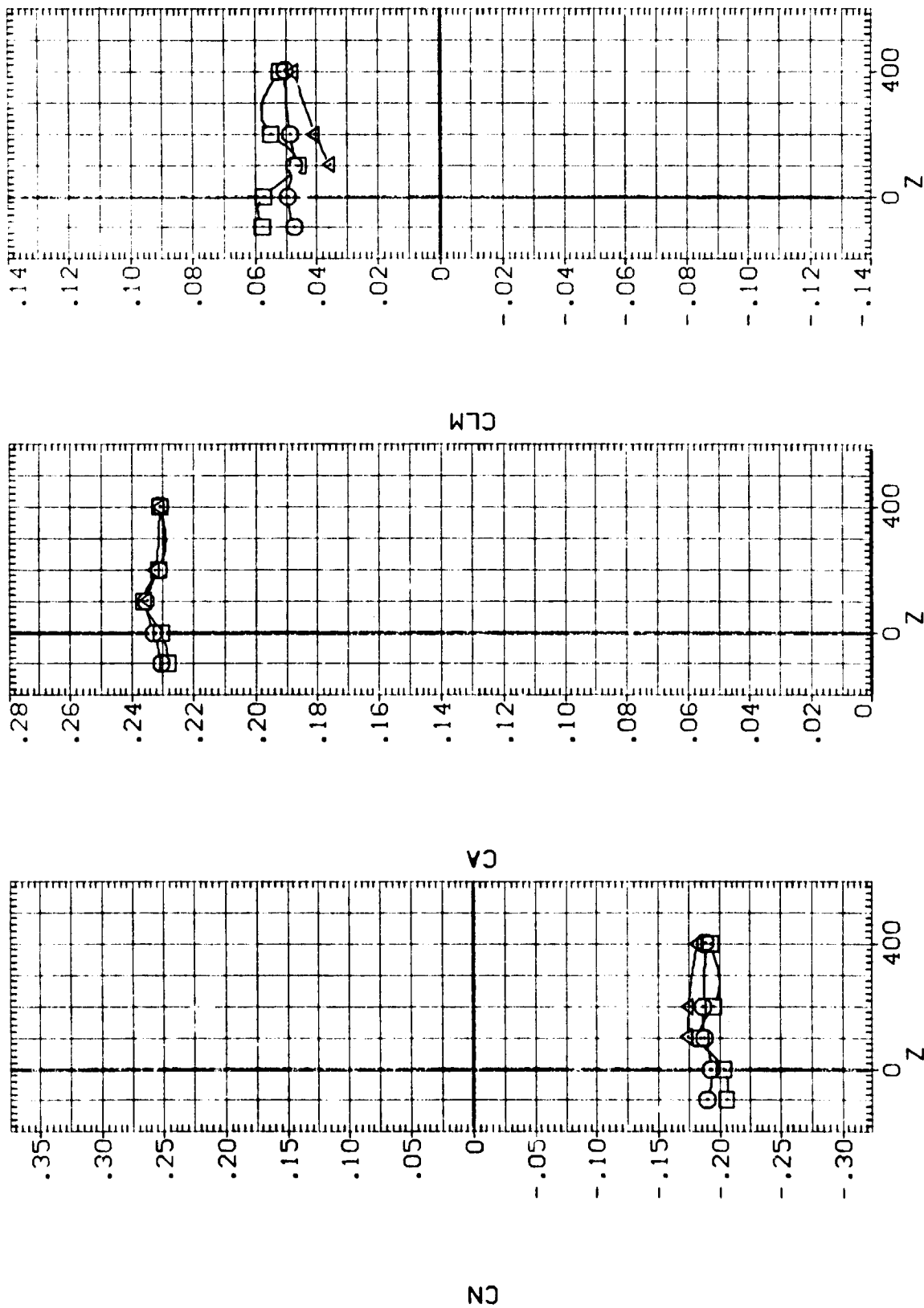


FIG.25 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(A)Y = 10.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(RTUI56)	AECC/VAS281 (A87)	-01ET1S1	-0RB/ET	Y	R/H	SRB	SEPAR.	200	.000	300.000	4.520	SREF	2690.0000
(RTUI57)	AECC/VAS281 (A87)	-01ET1S1	-0RB/ET	Y	R/H	SRB	SEPAR.	5.200	.000	300.000	4.520	LREF	1290.3000
(RTUI60)	AECC/VAS281 (A87)	-01ET1S1	-0RB/ET	Y	R/H	SRB	SEPAR.	-4.800	.000	300.000	4.520	BREF	1290.2000
												YMRP	1097.0000
												ZMRP	.0000
												SCALE	450.0000
													.0100

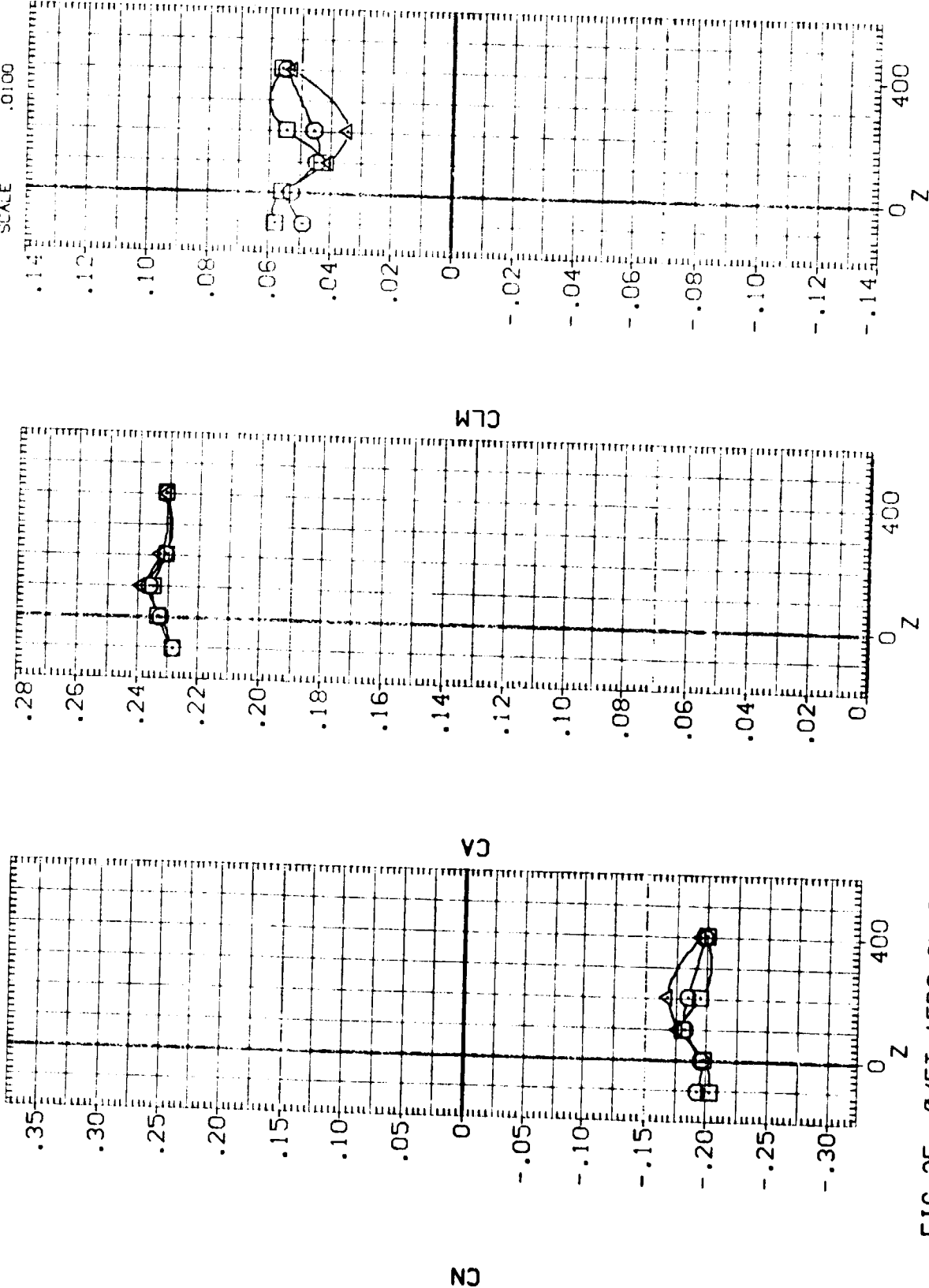


FIG.25 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)  
(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	MACH	REFERENCE INFORMATION
(RTU156)	AEDC/VAS28(1A87)-O1ETIS1-ORB/ET V R/H SRB SEPAR.	4.520	SREF 2630.0000 SO.FT.
(RTU157)	AEDC/VAS28(1A87)-O1ETIS1-ORB/ET V R/H SRB SEPAR.	4.520	LREF 1290.3000 INCHES
(RTU160)	AEDC/VAS28(1A87)-O1ETIS1-ORB/ET V R/H SRB SEPAR.	4.520	BREF 1290.3000 INCHES
			XMRP 1097.0000 IN. XT
			YMRP 1000.0000 IN. YT
			ZMRP 450.0000 IN. ZT
			SCALE .0100

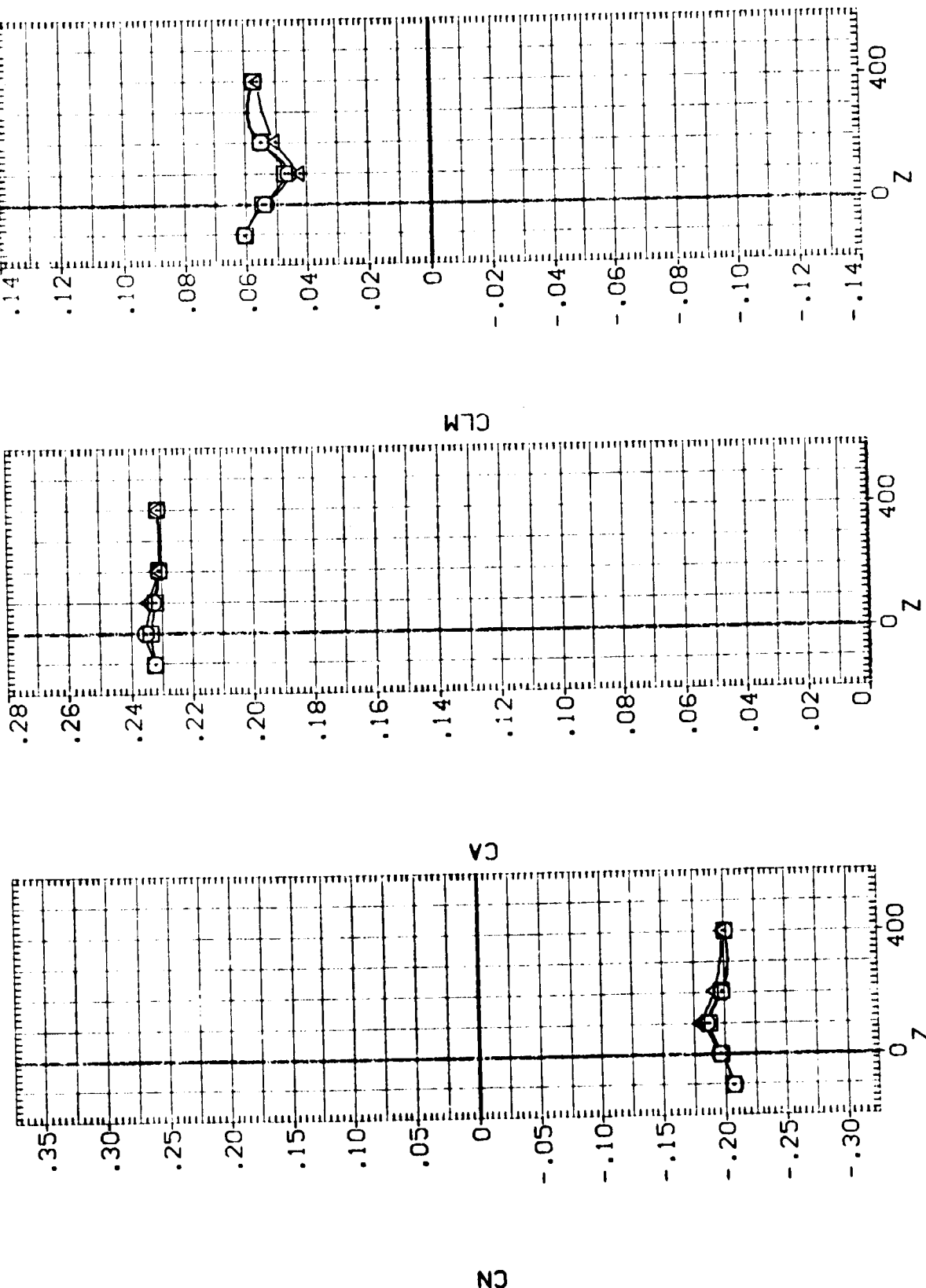


FIG.25 0/ET AERO CHARACT W/RIGHT SRB SEPARATING ( $\alpha = -5.9$   $\beta = 10.8$ )



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MAC-H	REFERENCE INFORMATION
(RTU156)	AEDC/VAS28(1A87)-01ET(1S1)-0RB/ET	.200	.000	300.000	4.570	SREF 2690.0000 SQ. FT.
(RTU157)	AEDC/VAS28(1A87)-01ET(1S1)-0RB/ET	5.200	.000	300.000	4.530	LREF 1250.3000 INCHES
(RTU160)	AEDC/VAS28(1A87)-01ET(1S1)-0RB/ET	-4.800	.000	300.000	4.530	XREF 1250.3000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

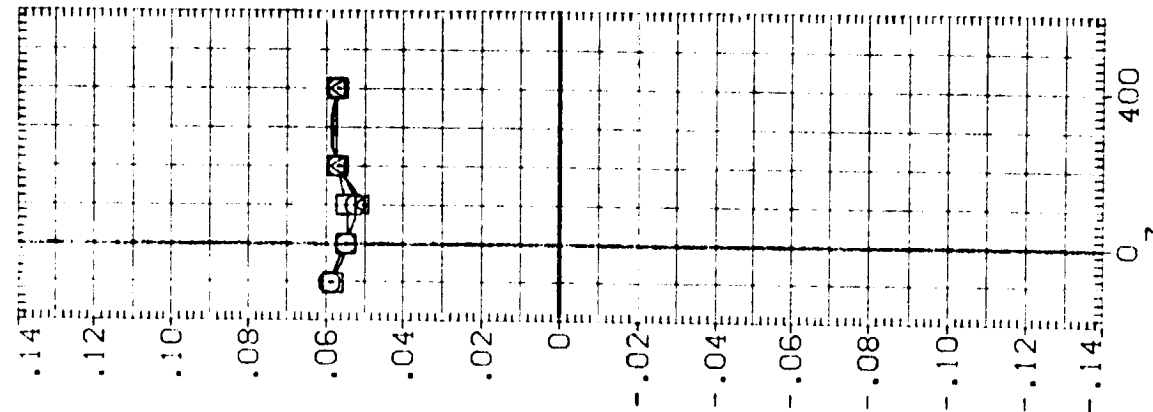
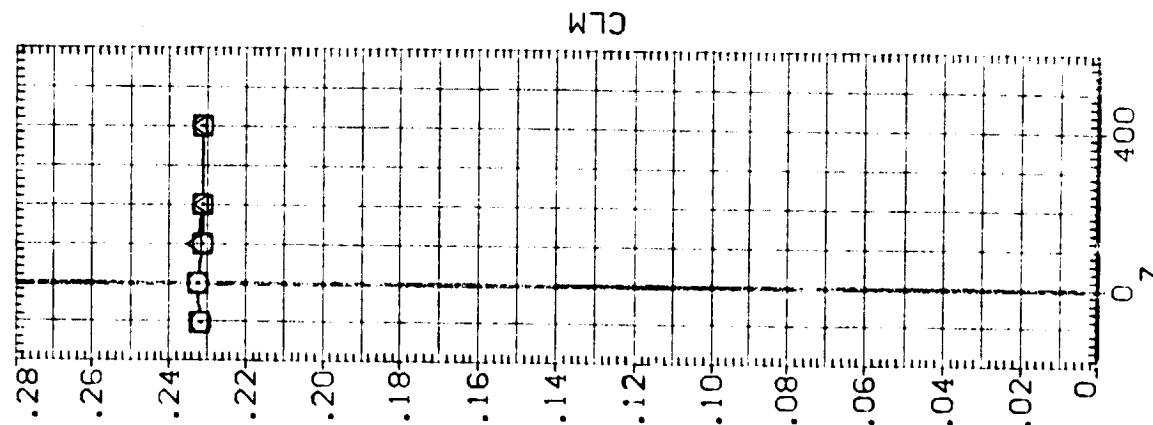
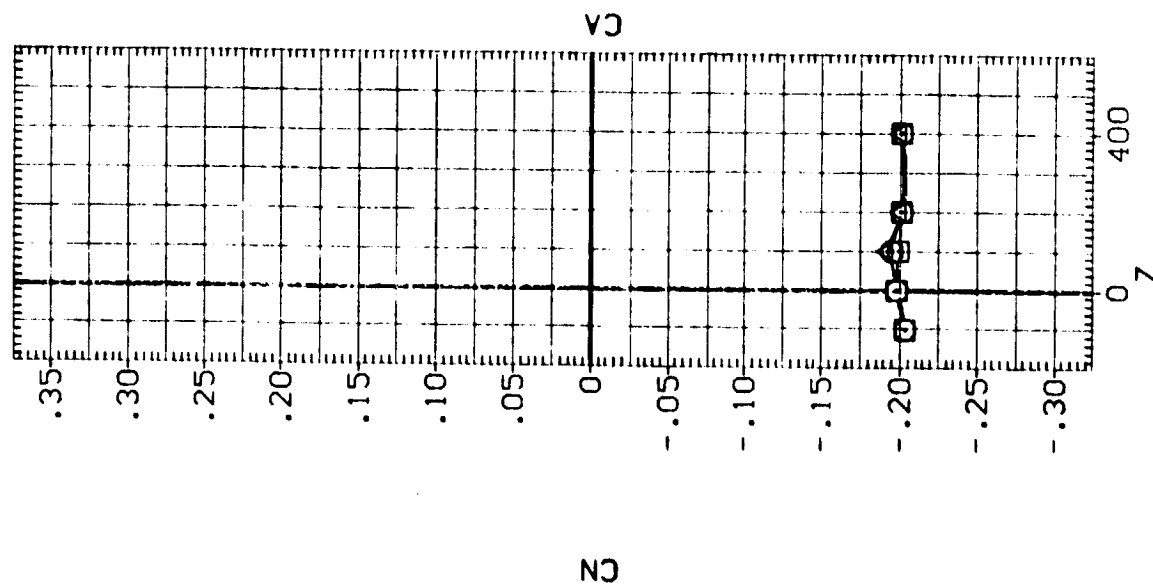


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)  
(O)Y =400.00

DATA SET SYMBOL: CONFIGURATION DESCRIPTION  
 (RTU156) AEDC/VAS28(1AB7)-01ET1S1-0RB/ET V  
 (RTU157) AEDC/VAS28(1AB7)-01ET1S1-0RB/ET V  
 (RTU160) AEDC/VAS28(1AB7)-01ET1S1-0RB/ET V

DALPHA DBETA X  
 .200 .000 300.000  
 5.200 .000 300.000  
 -4.800 .000 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

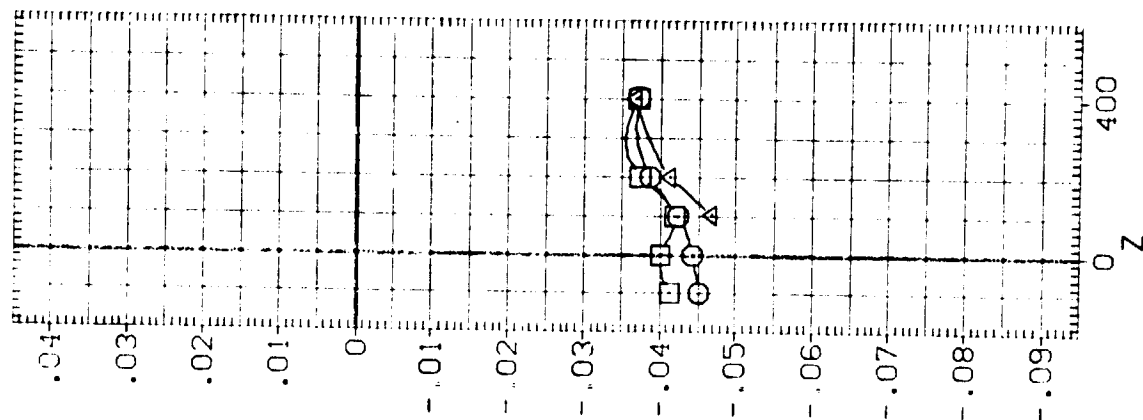
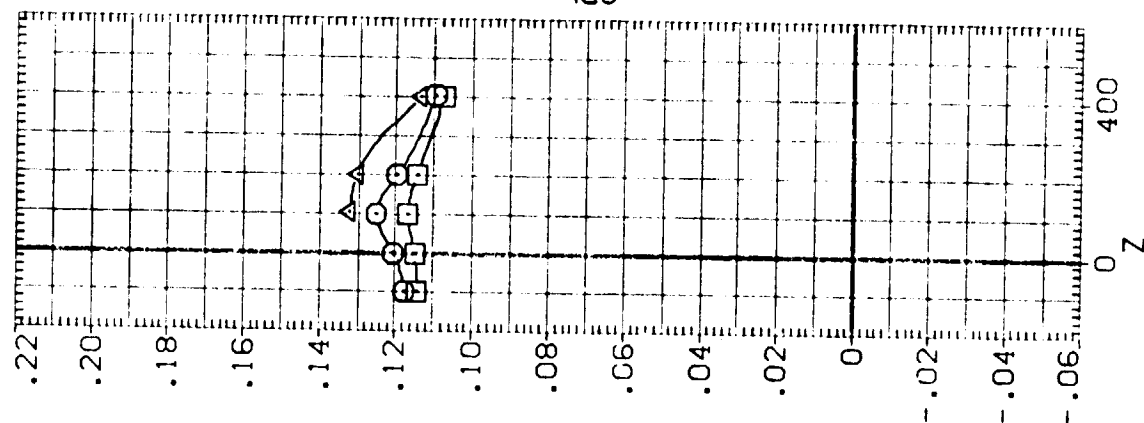
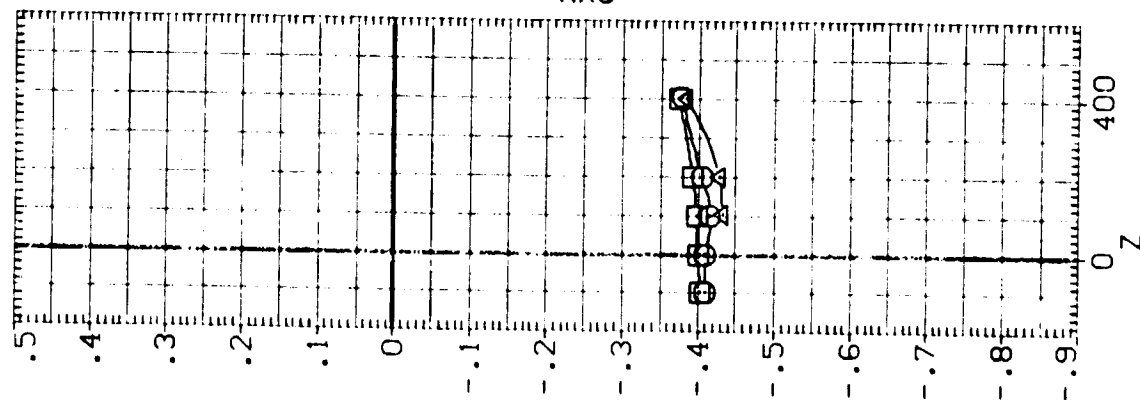


FIG.25 C/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(A)Y = 10.00

DATA SET SYMBOL  
(RTU156)  
(RTU157)  
(RTU160)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(IAB7)-01ET1S1-OR8/ET  
AEDC/VAS28(IAB7)-01ET1S1-OR8/ET  
AEDC/VAS28(IAB7)-01ET1S1-OR8/ET

DALPHA  
.200  
5.200  
-4.800

MACH  
4.520  
4.520  
4.520

X  
300.000  
300.000  
300.000

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

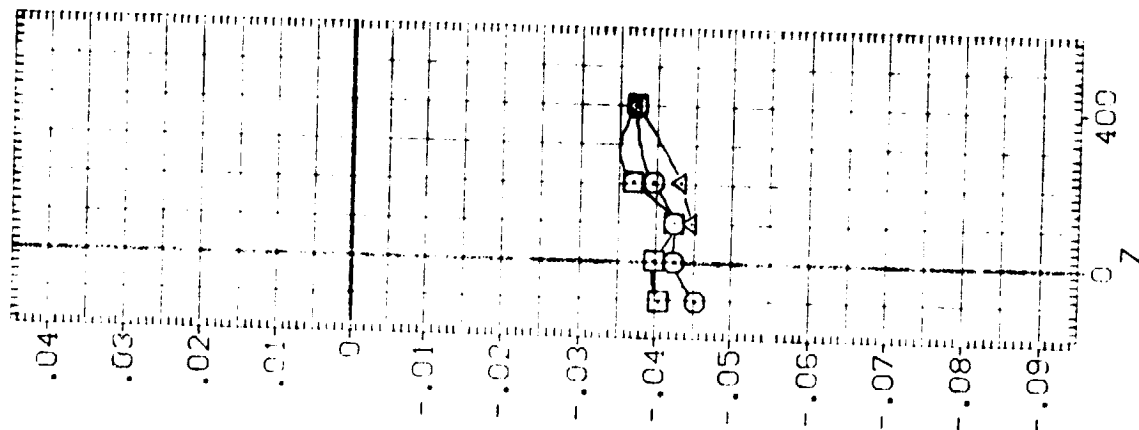
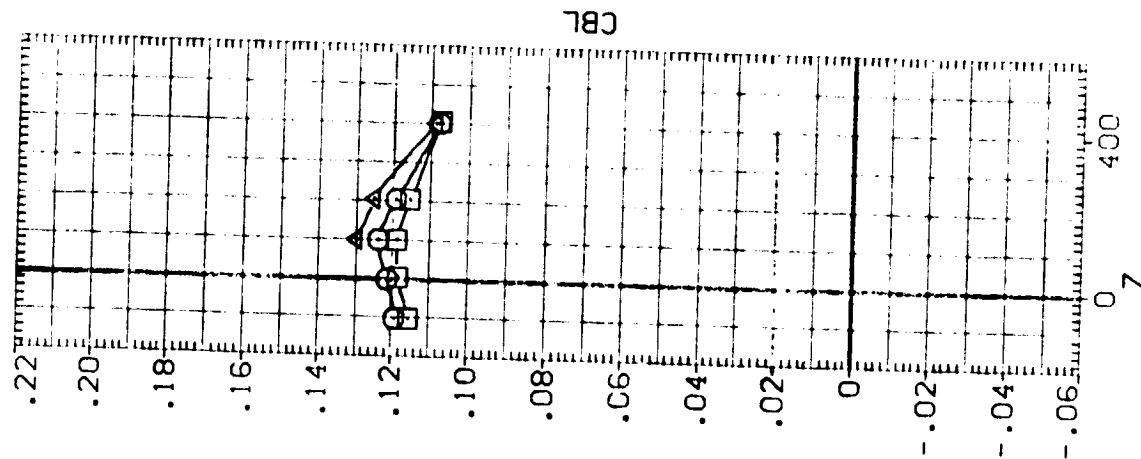
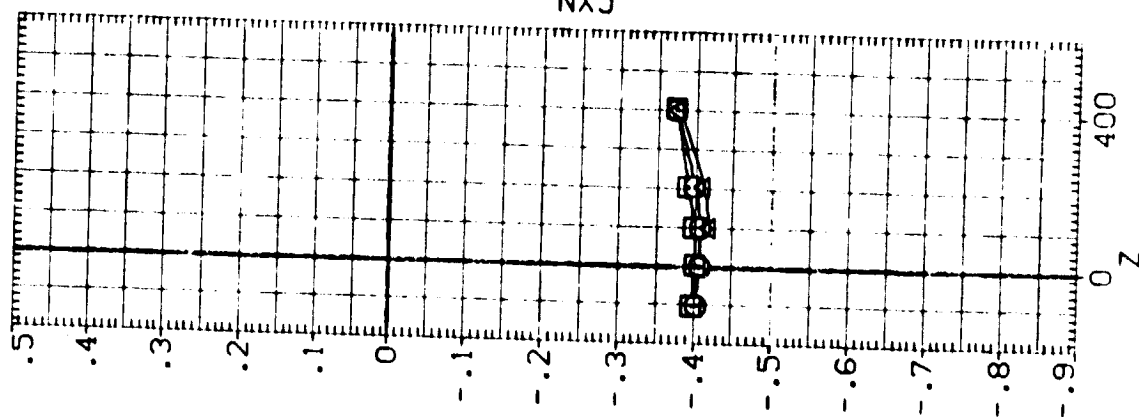


FIG.25 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)  
(B)Y =100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU156) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

(RTU157) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

(RTU160) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

MAC- X DBETA

4.520 300.000 .000

4.520 300.000 .000

4.520 300.000 .000

DALPHA

.200

5.200

-4.800

REFERENCE INFORMATION

SREF 2650.0000 SQ.FT.

LREF 1290.3000 INCHES

BREF 1290.3000 INCHES

XMRP .097.0000 IN. XT

YMRP .0000 IN. YT

ZMRP 450.0000 IN. ZT

SCALE .0100

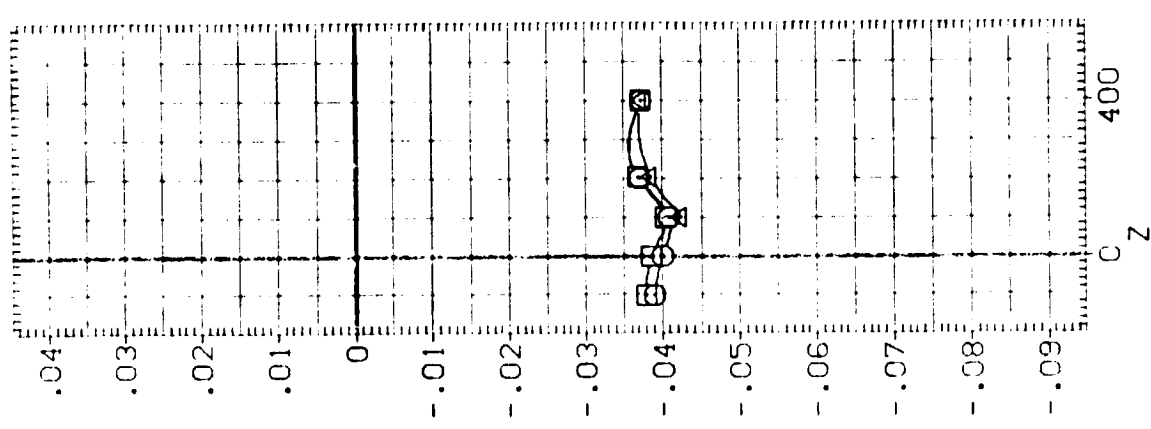
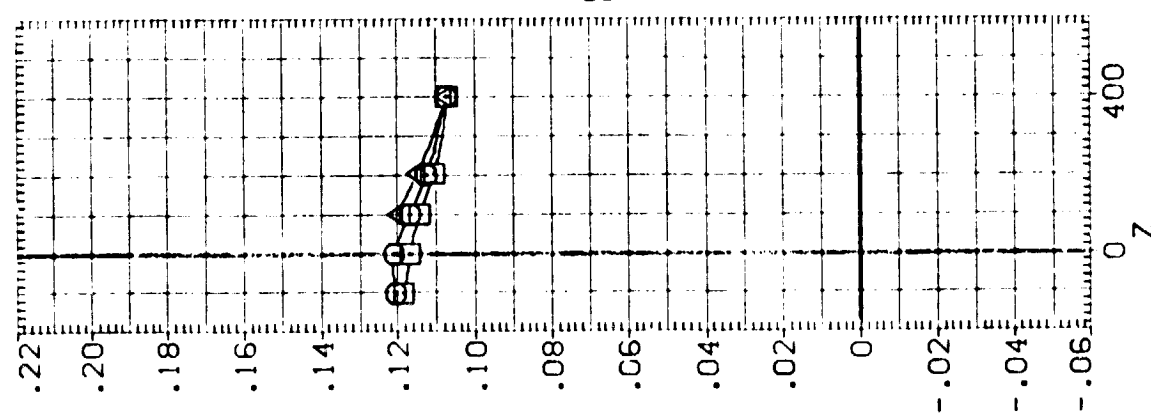
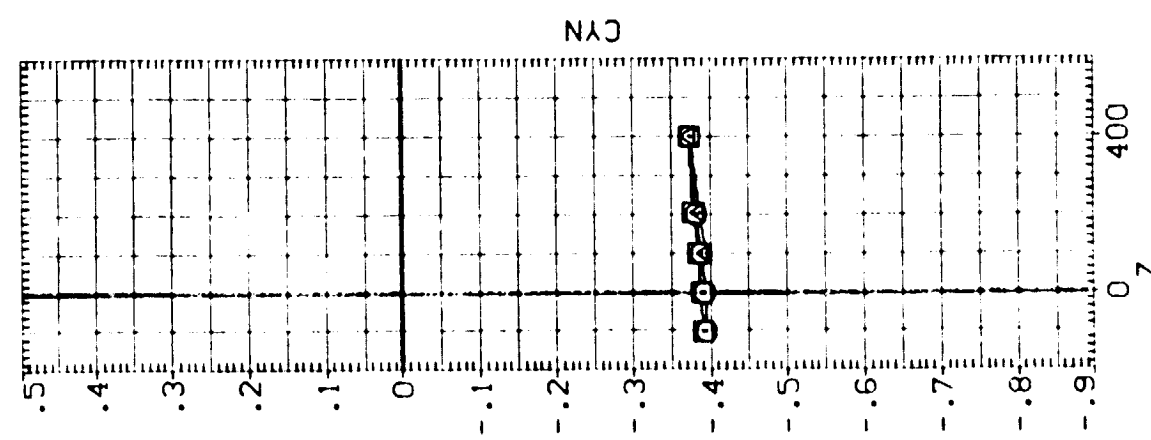


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(CY) = 200.00

# DATA SET SYMBOL

(RTU156)  
(RTU157)  
(RTU160)

## CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-O1ET1S1-OR8/ET  
AEDC/VAS28(1A87)-O1ET1S1-OR8/ET  
AEDC/VAS28(1A87)-O1ET1S1-OR8/ET

DALPHA DBETA X  
.200 .000 300.000  
5.200 .000 300.000  
-4.800 .000 300.000

MA7H  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SC.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRD 1097.0000 IN. XT  
YMRD .0000 IN. YT  
ZMRD 450.0000 IN. ZT  
SCALE .0100

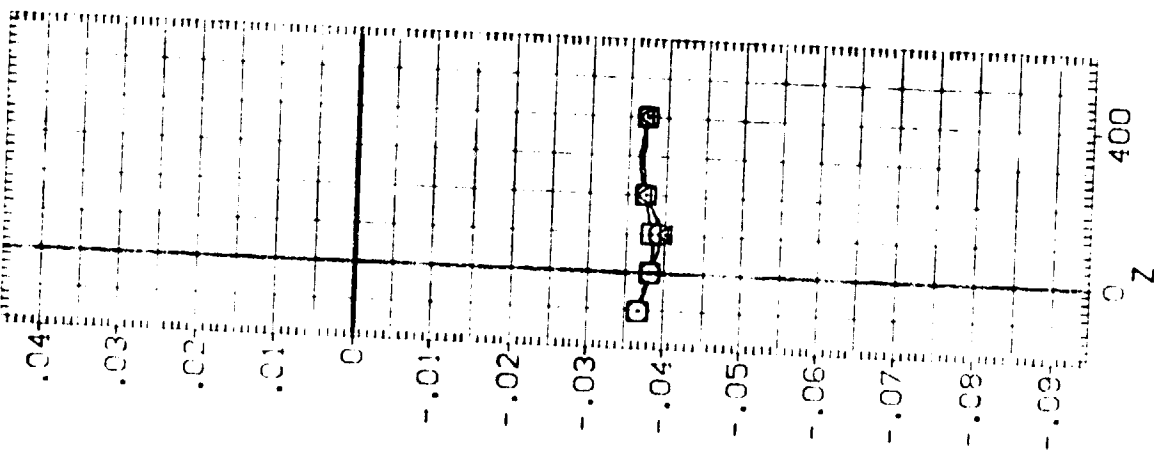
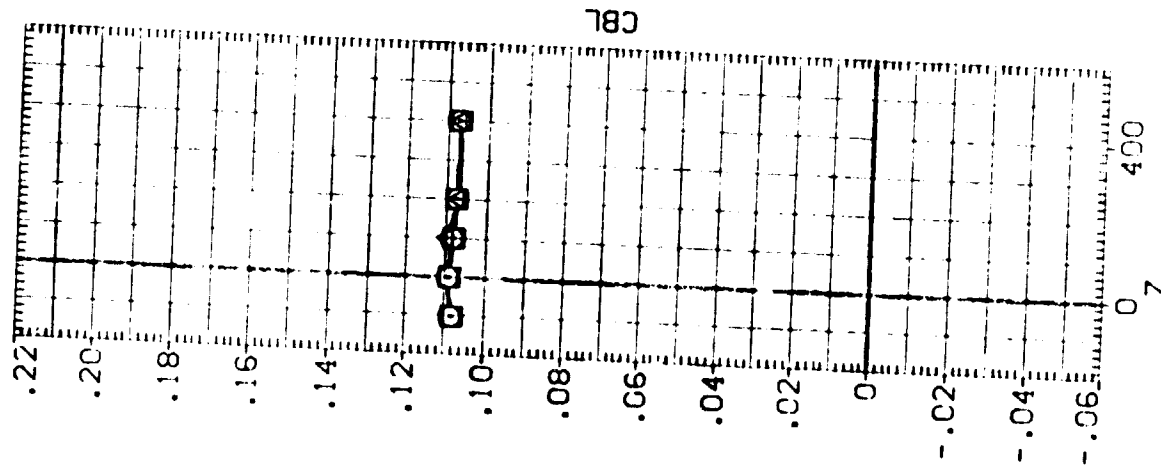
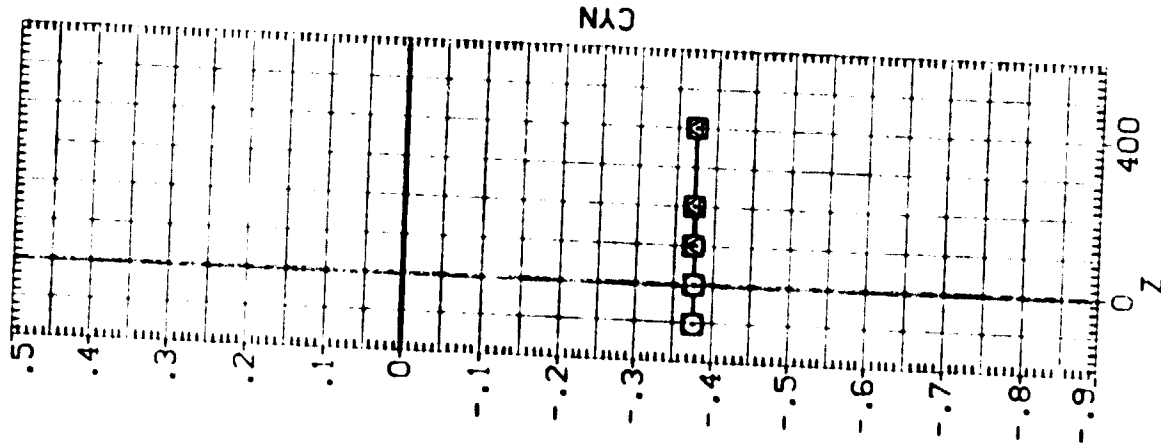


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)  
(D)Y =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU:61) AEDC/VA528(IAB7)-OJET(S)-SRB/ET V R/H SRB SEPAR.

(RTU:64) AEDC/VA528(IAB7)-OJET(S)-SRB/ET V R/H SRB SEPAR.

(RTU:65) AEDC/VA528(IAB7)-OJET(S)-SRB/ET V R/H SRB SEPAR.

MAC-H X D9BETA DALPHA

2690.0000 SQ. FT.

1290.3000 INCHES

1290.3000 INCHES

109.0000 IN. X

YMRP .0000 IN. Y

ZMRP 450.0000 IN. Z

SCALE .0100

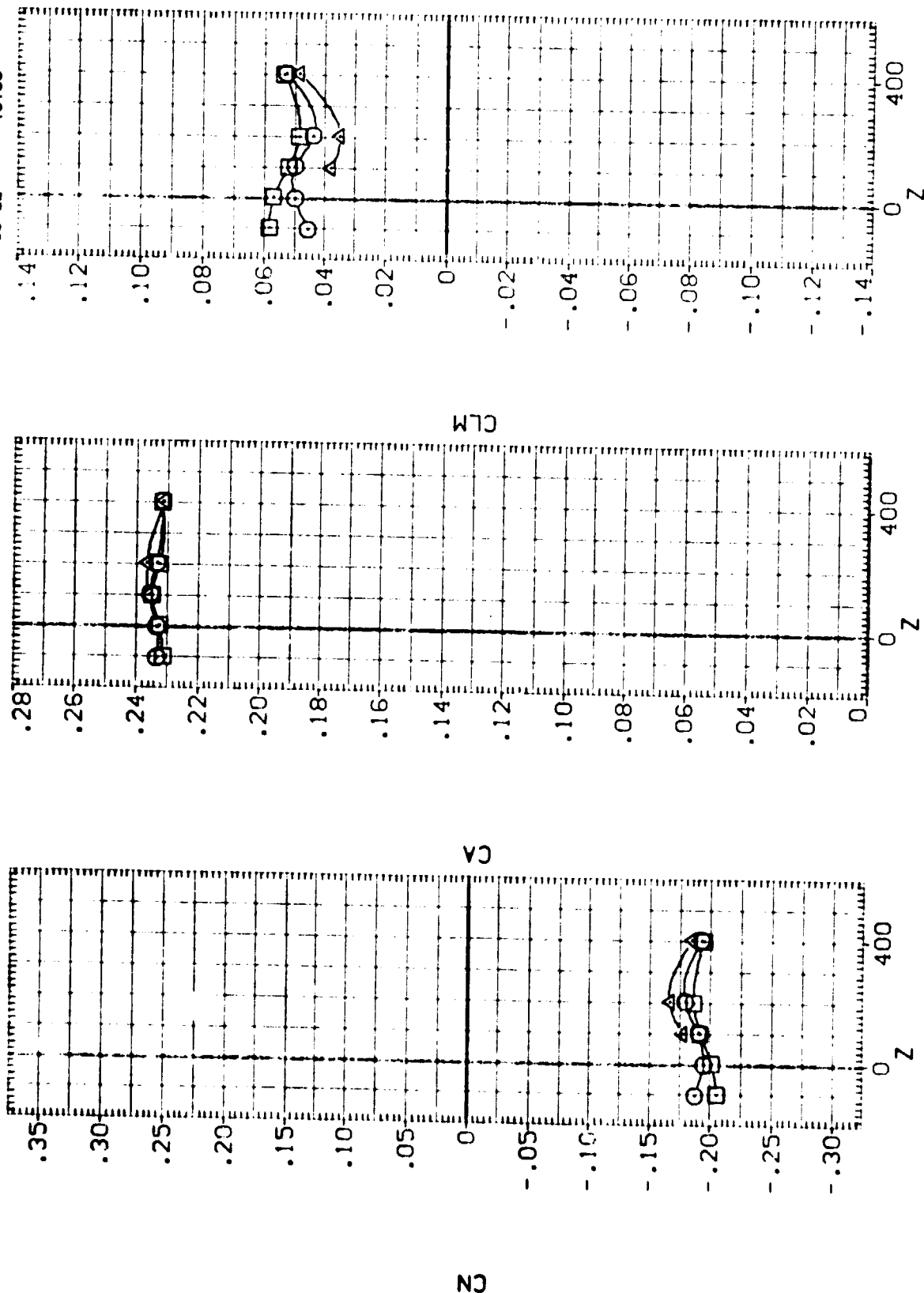


FIG.25 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.5 BETA=10.8)

(B)Y = 100.00

DATA SET SYMBOL  
(RTU161)  
(RTU164)  
(RTU165)

CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-O1ET1S1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-O1ET1S1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-O1ET1S1-OR8/ET V R/H SRB SEPAR.

DALPHA DBETA  
200 -4.000  
5.200 -4.000  
-4.800 -4.000

X  
-000  
-000  
-000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SRF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

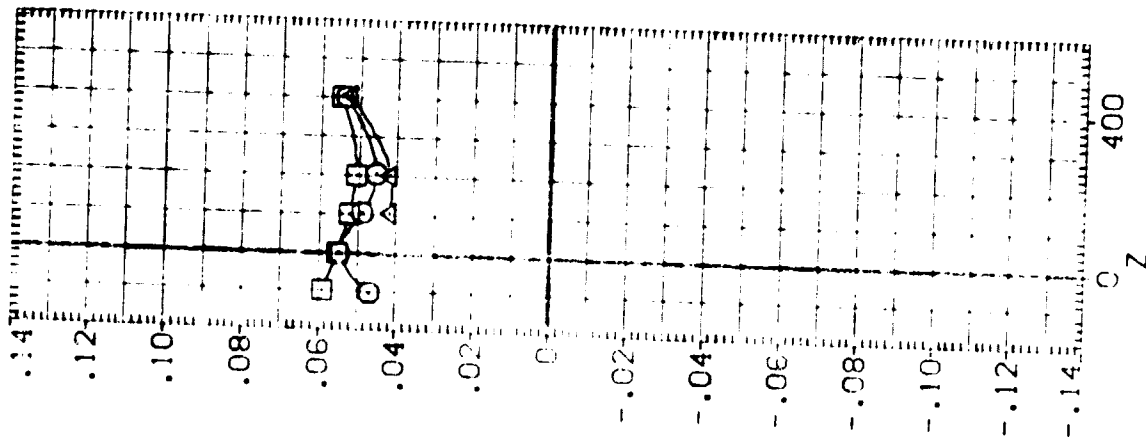
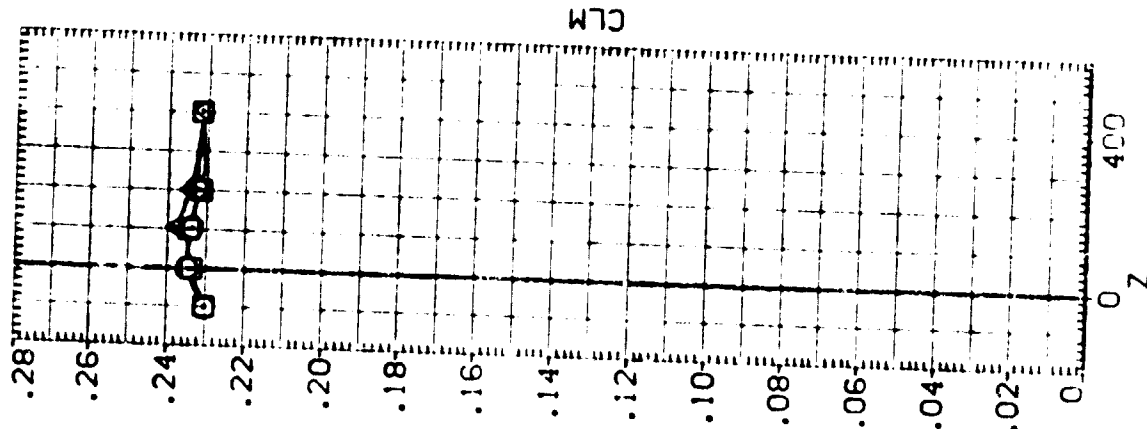
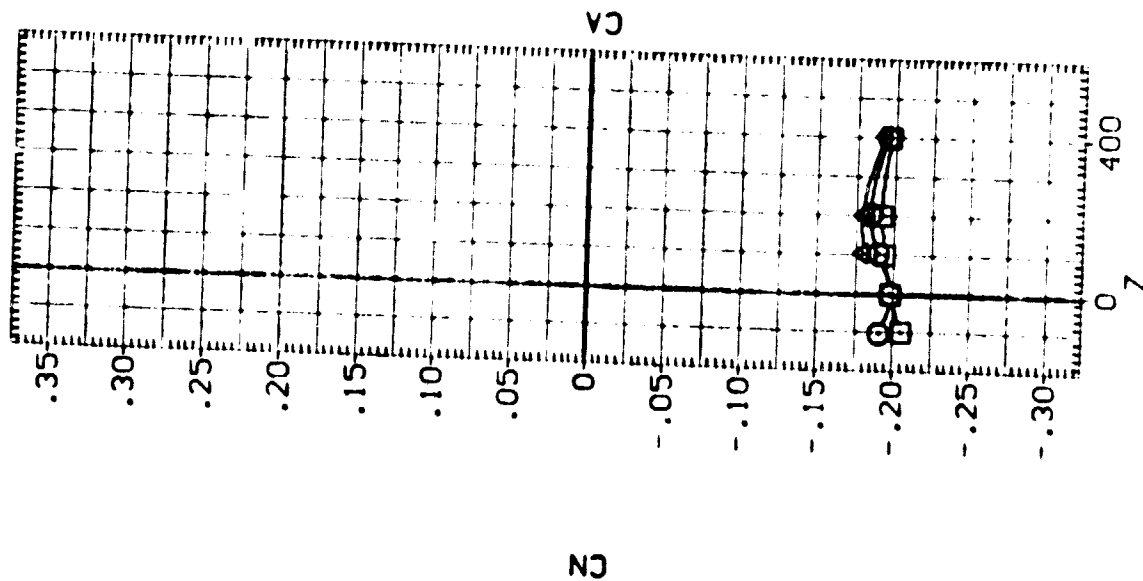


FIG.25 O/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)  
(CY) =200.00

DATA SET SYMBOL:   
 (RTU161)   
 (RTU164)   
 (RTU165)

CONFIGURATION DESCRIPTION:   
 AEDC/VAS28(1A87)-01ET1S1-0RB/ET   
 AEDC/VAS28(1A87)-01ET1S1-0RB/ET   
 AEDC/VAS28(1A87)-01ET1S1-0RB/ET

R/H SRB SEPAR.   
 R/H SRB SEPAR.   
 R/H SRB SEPAR.

DALPHA DBETA   
 .200 -4.000   
 5.200 -4.000   
 4.800 -4.000

MACH   
 4.520   
 4.520   
 4.520

REFERENCE INFORMATION   
 SREF 2690.0000 50.FT.   
 LREF 1290.3000 INCHES   
 BREF 1290.3000 INCHES   
 XMRP 1097.0000 IN. XT   
 YMRP .0000 IN. YT   
 ZMRP 450.0000 IN. ZT   
 SCALE .0100

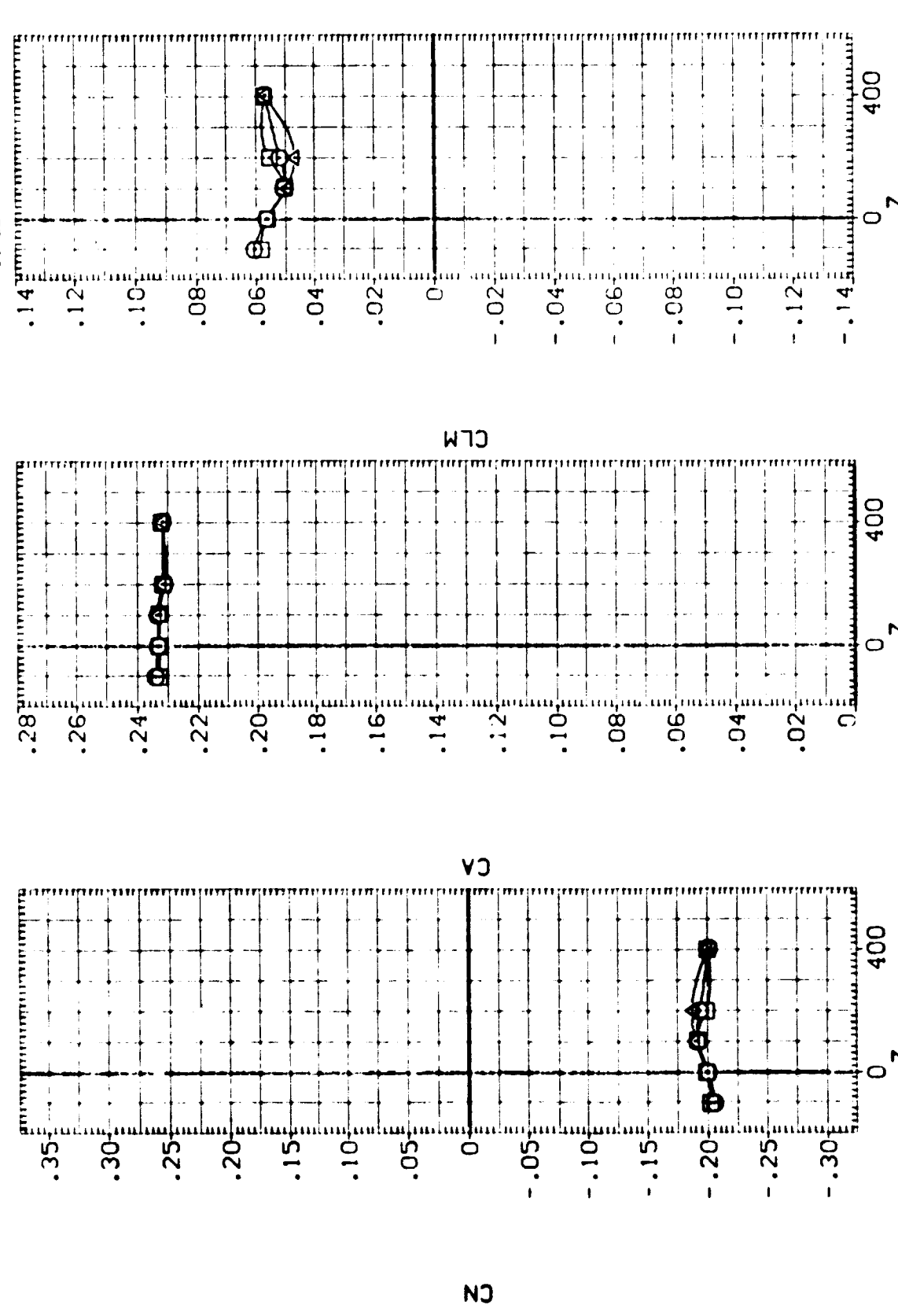


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.9)

(D)Y =400.00



DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DALPHA		DBETA		MACH		REFERENCE INFORMATION	
(RTU161)	Q	AEDC/VAS28(1A87)-01ET151	OR3/ET V R/H SRB SEPAR.	.200	-4.000	4.520	SREF	2690.0000	50. FT.		
(RTU164)	X	AEDC/VAS28(1A87)-01ET151	OR3/ET V R/H SRB SEPAR.	5.200	-4.000	4.520	LREF	1290.3000	INCHES		
(RTU165)	X	AEDC/VAS28(1A87)-01ET151	OR3/ET V R/H SRB SEPAR.	-4.800	-4.000	4.520	BREF	1097.0000	IN. AT		
							YMRP	.0000	IN. Y		
							ZMRP	450.0000	IN. Z		
							SCALE	.0100			

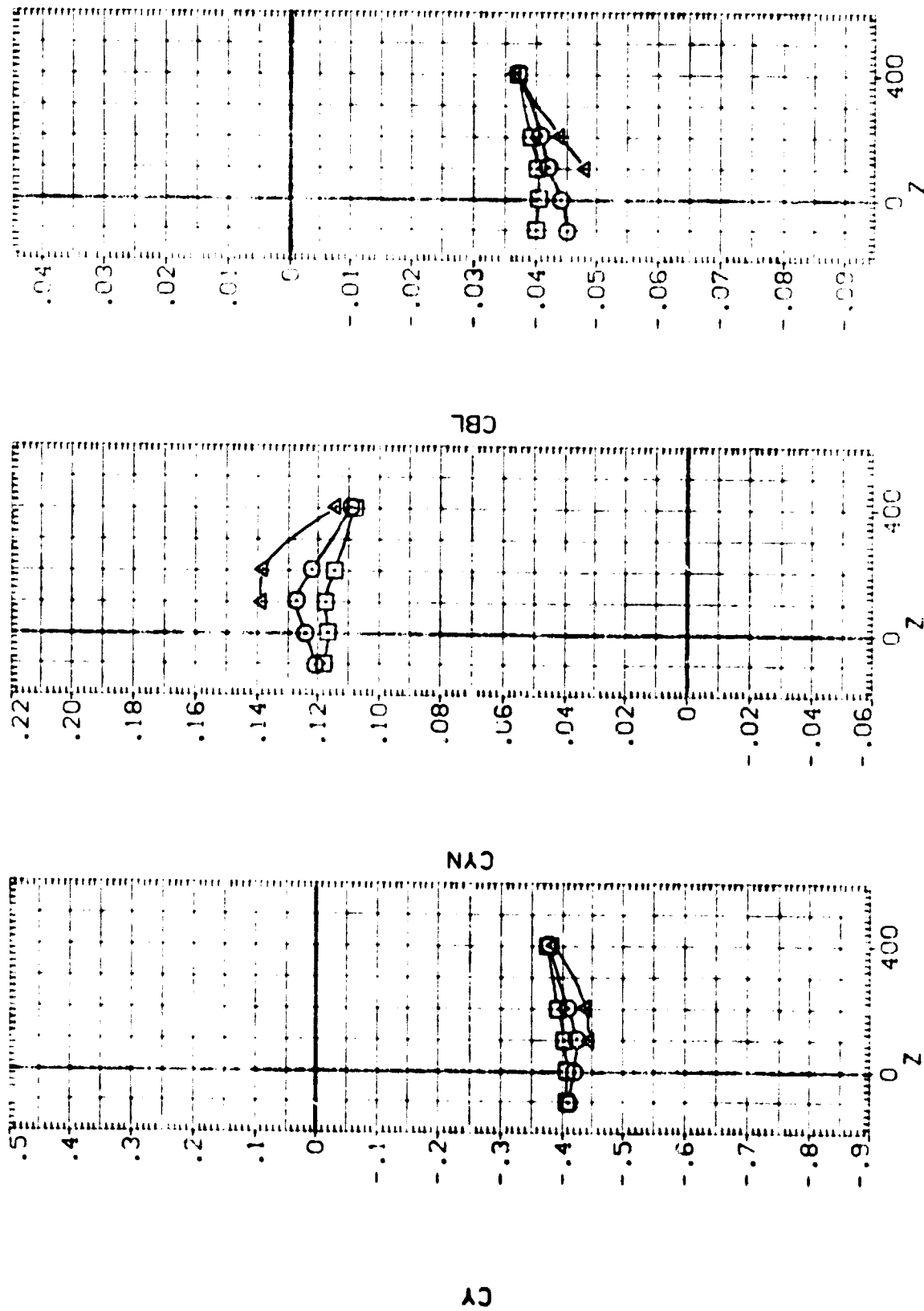


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)  
(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFLATION
(RTUI61)	AEDC/VAS28(1A87)-01ET1S1-ORB/ET	.200	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTUI64)	AEDC/VAS28(1A87)-01ET1S1-ORB/ET	5.200	-4.000	.000	4.520	LREF 1290.3000 INCHES
(RTUI65)	AEDC/VAS28(1A87)-01ET1S1-ORB/ET	-4.800	-4.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP 10000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

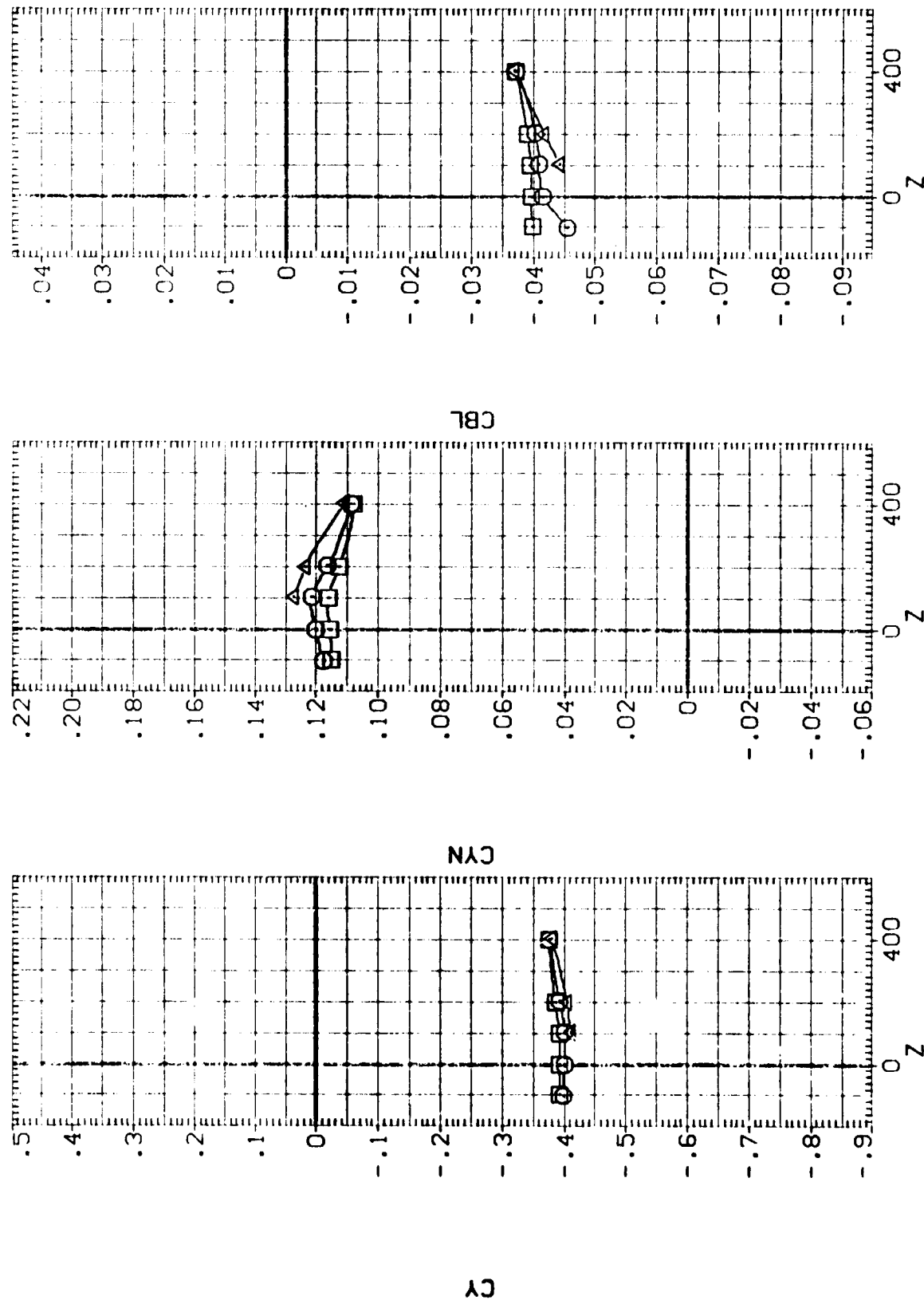


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(CY) =200.00

DATA SET SYMBOL: (RTU161) (RTU164) (RTU165)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-01ET1S1-ORB/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-ORB/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-01ET1S1-ORB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION: SREF 2690.0000 SQ.FT. LREF 1290.3000 INCHES BREF 290.3000 INCHES XMRP 1097.0000 IN. XT 1000 IN. YMRP 450.0000 IN. YZ SCALE 0.0100

MACH 4.520 X .000 DBETA -4.000 DALPHA .200

4.520 .000 -4.000 5.200

4.520 .000 -4.000 -4.800

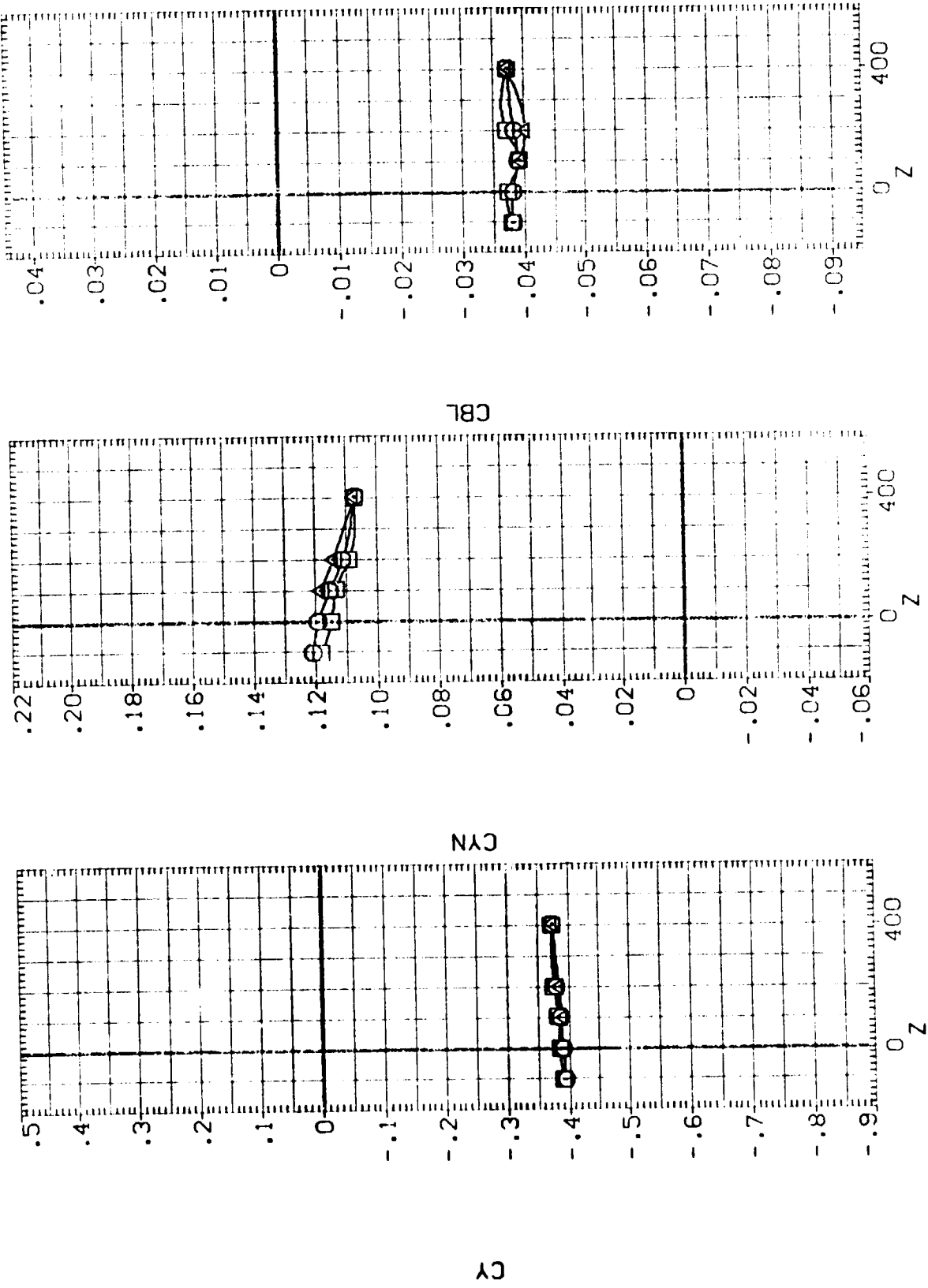


FIG.25 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(D)Y =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU162) AEDC/VAS281(A87)-01ET1S1-0RB/ET  
 (RTU163) AEDC/VAS281(A87)-01ET1S1-0RB/ET  
 (RTU166) AEDC/VAS281(A87)-01ET1S1-0RB/ET

Y R/H SRB SEPAR.  
 Y R/H SRB SEPAR.  
 Y R/H SRB SEPAR.

DALPHA DBETA

X 300.000  
 X 300.000  
 X 300.000

MACH 4.520  
 MACH 4.520  
 MACH 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP 450.0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

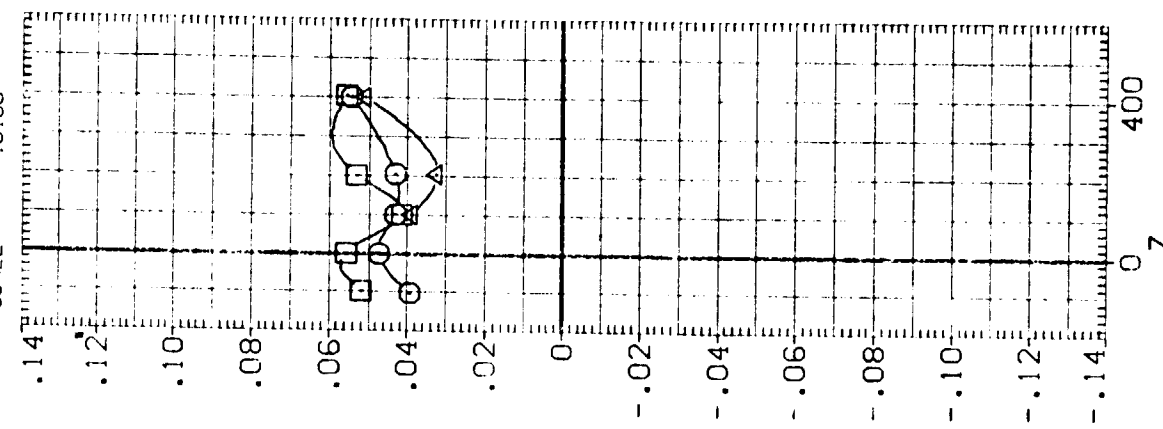
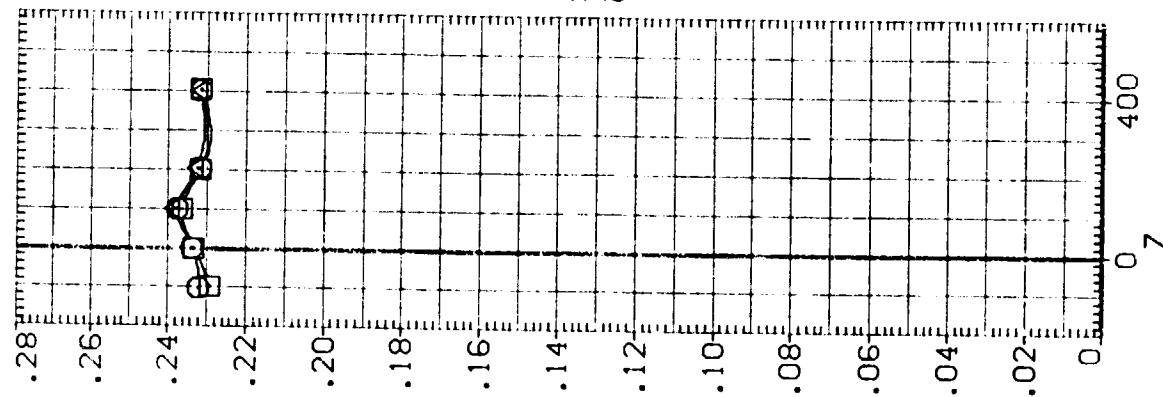
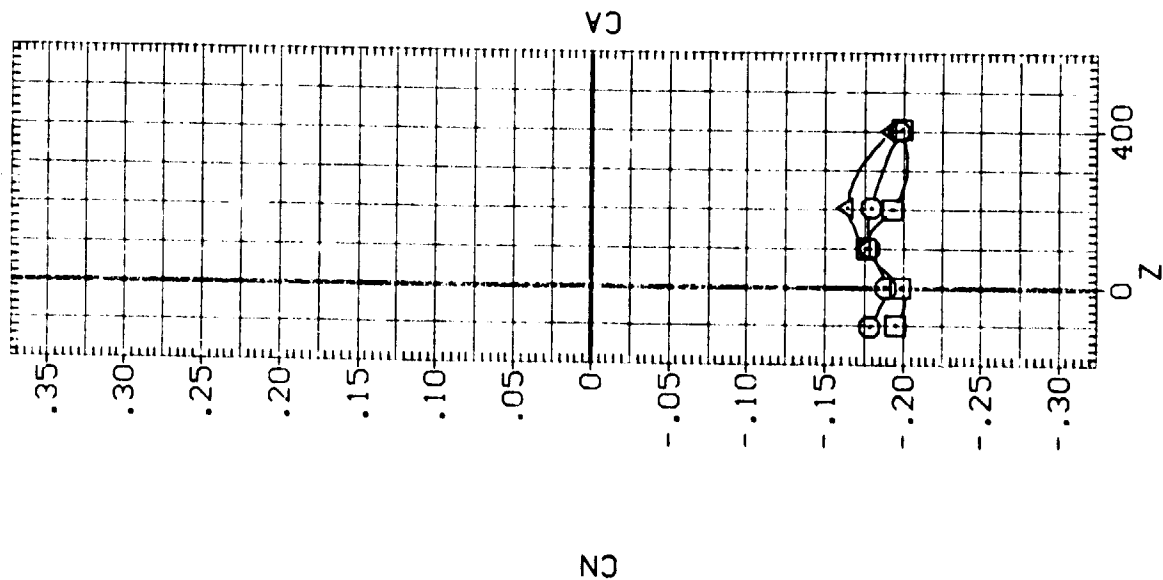


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(B)Y =100.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(RTUI62)	Q	AEDC/VAS28(1A87)-01ETIS1-ORB/ET	V R/H SRB SEPAR.	.200	-4.000	300.000	4.520	SREF	2690.0000	50. FT.			
(RTUI63)	Q	AEDC/VAS28(1A87)-01ETIS1-ORB/ET	V R/H SRB SEPAR.	5.200	-4.000	300.000	4.520	LREF	1290.3000	INCHES			
(RTUI66)	Q	AEDC/VAS28(1A87)-01ETIS1-ORB/ET	V R/H SRB SEPAR.	-4.800	-4.000	300.000	4.520	SREF	1290.3000	INCHES			
								XMRP	1037.0000	IN. XT			
								YMRP	.0000	IN. YT			
								ZMRP	450.0000	IN. ZT			
								SCALE	.0100				

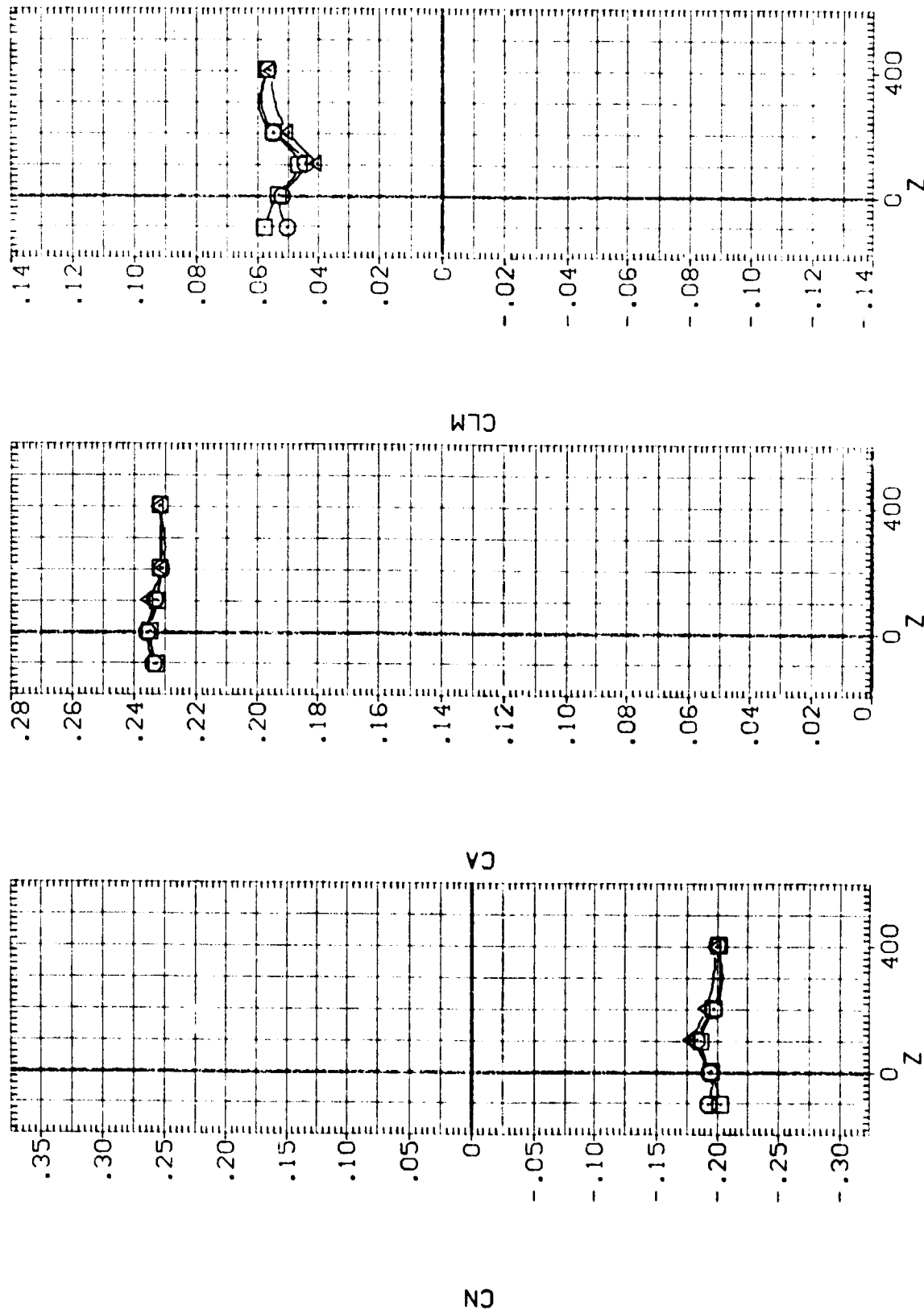


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(C)Y =200.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU162)  
(RTU163)  
(RTU166)

AEDC/VAS281(A87)-O1ET1S1-CRB/ET  
AEDC/VAS281(A87)-O1ET1S1-CRB/ET  
AEDC/VAS281(A87)-O1ET1S1-CRB/ET

DALPHA DBETA X  
.200 -4.000 300.000  
5.200 -4.000 300.000  
-4.800 -4.000 300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
REF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

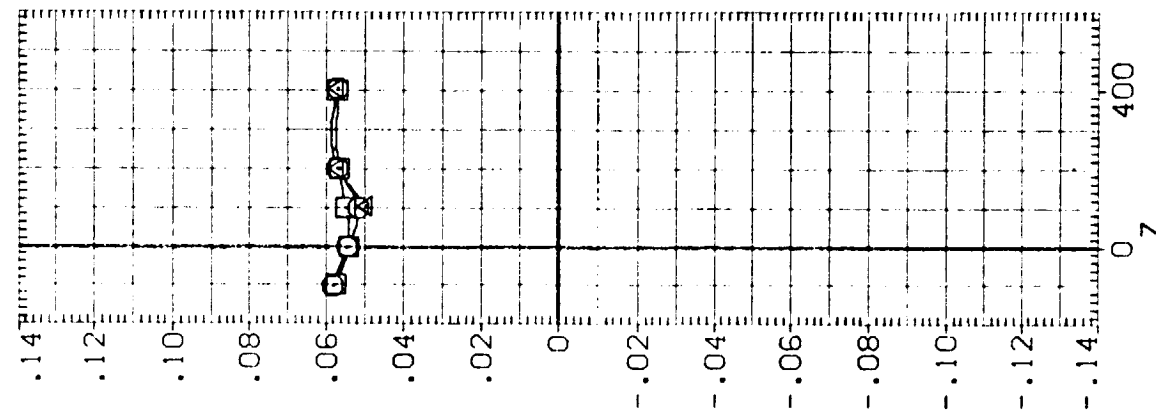
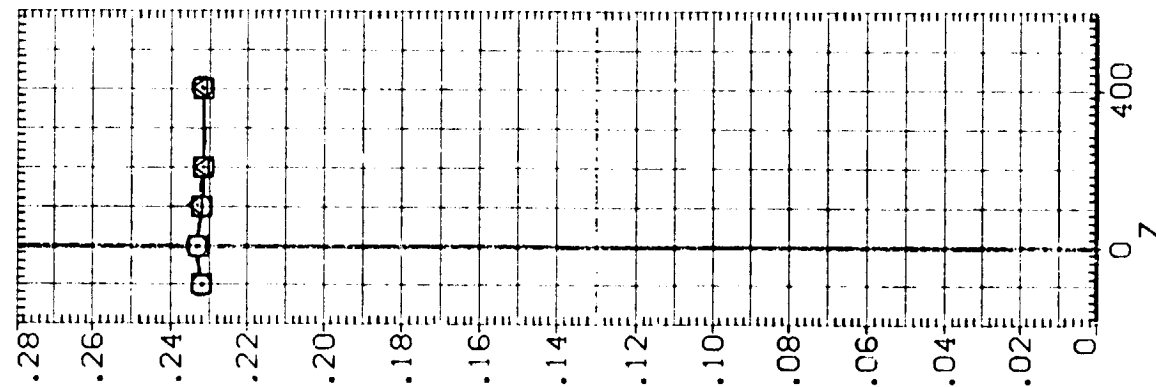
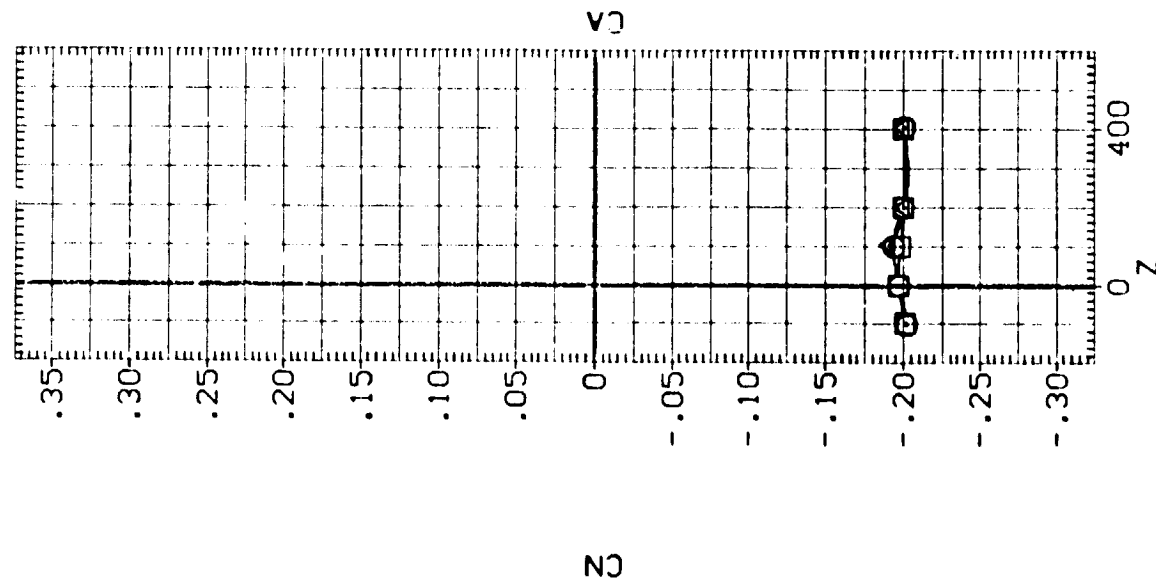


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(D)Y =400.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTUI62)  
(RTUI63)  
(RTUI66)



AEDC/VAS28(1A87)-01ET1S1-0RB/ET  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET

V R/H SRB SEPAR.

V R/H SRB SEPAR.

V R/H SRB SEPAR.

DALPHA  
.200  
5.200  
-4.800

DBETA  
-4.000  
-4.000  
-4.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2630.0000 SQ. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
YMRP 1097.0000 IN. XT  
ZMRP 450.0000 IN. YT  
SCALE .0100 IN. ZT

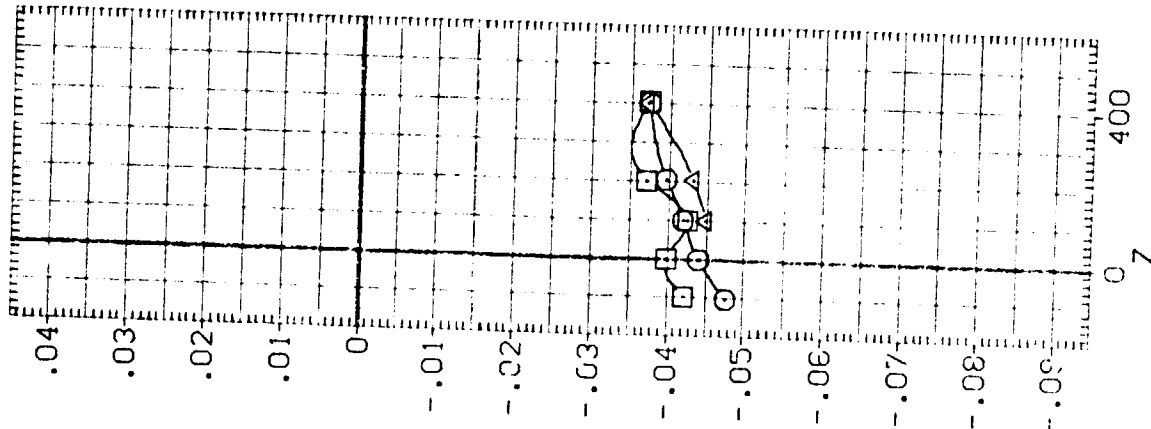
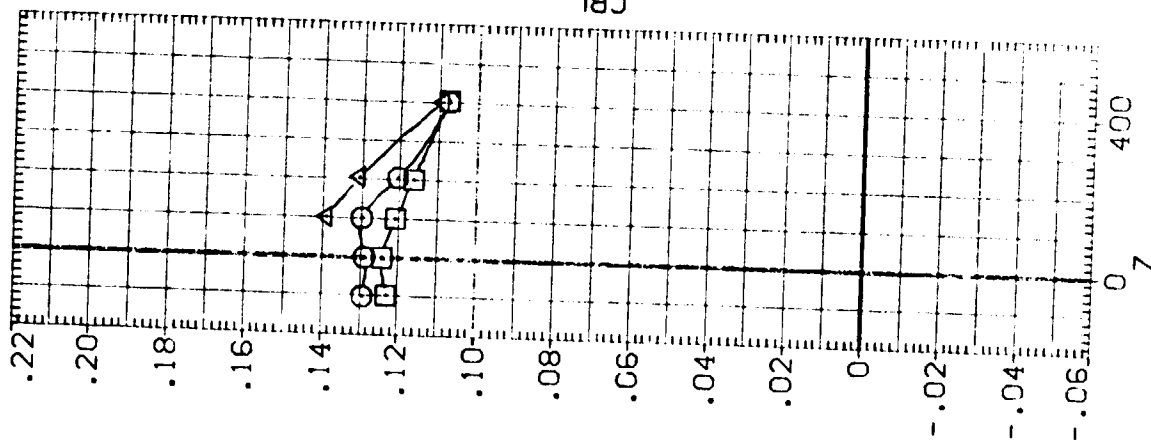
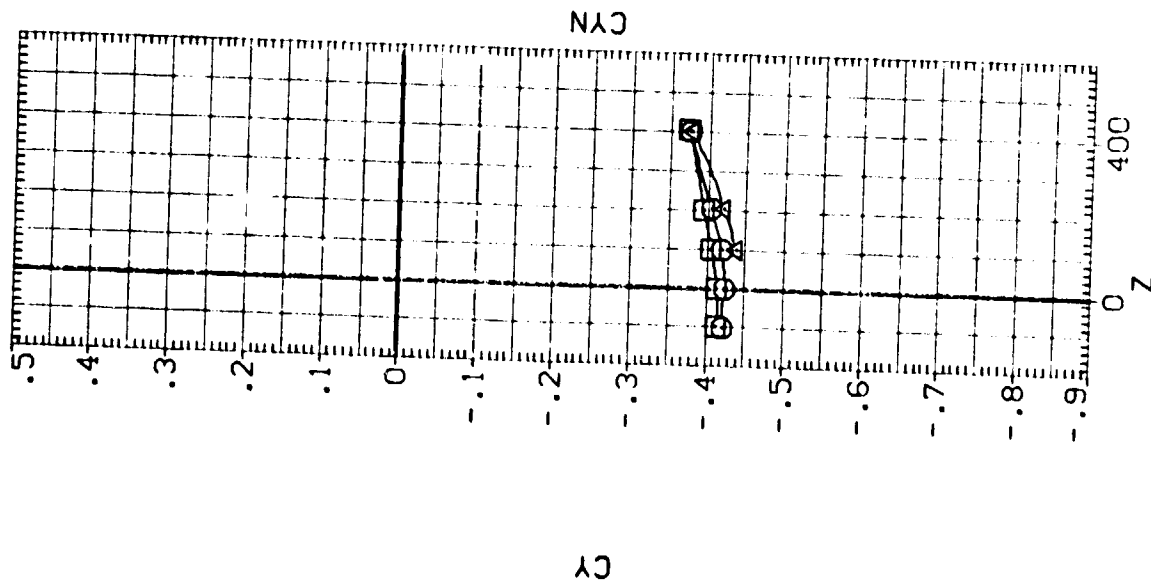


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)  
(5)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU162)	AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.200	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU163)	AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	5.200	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU166)	AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	-4.600	-4.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

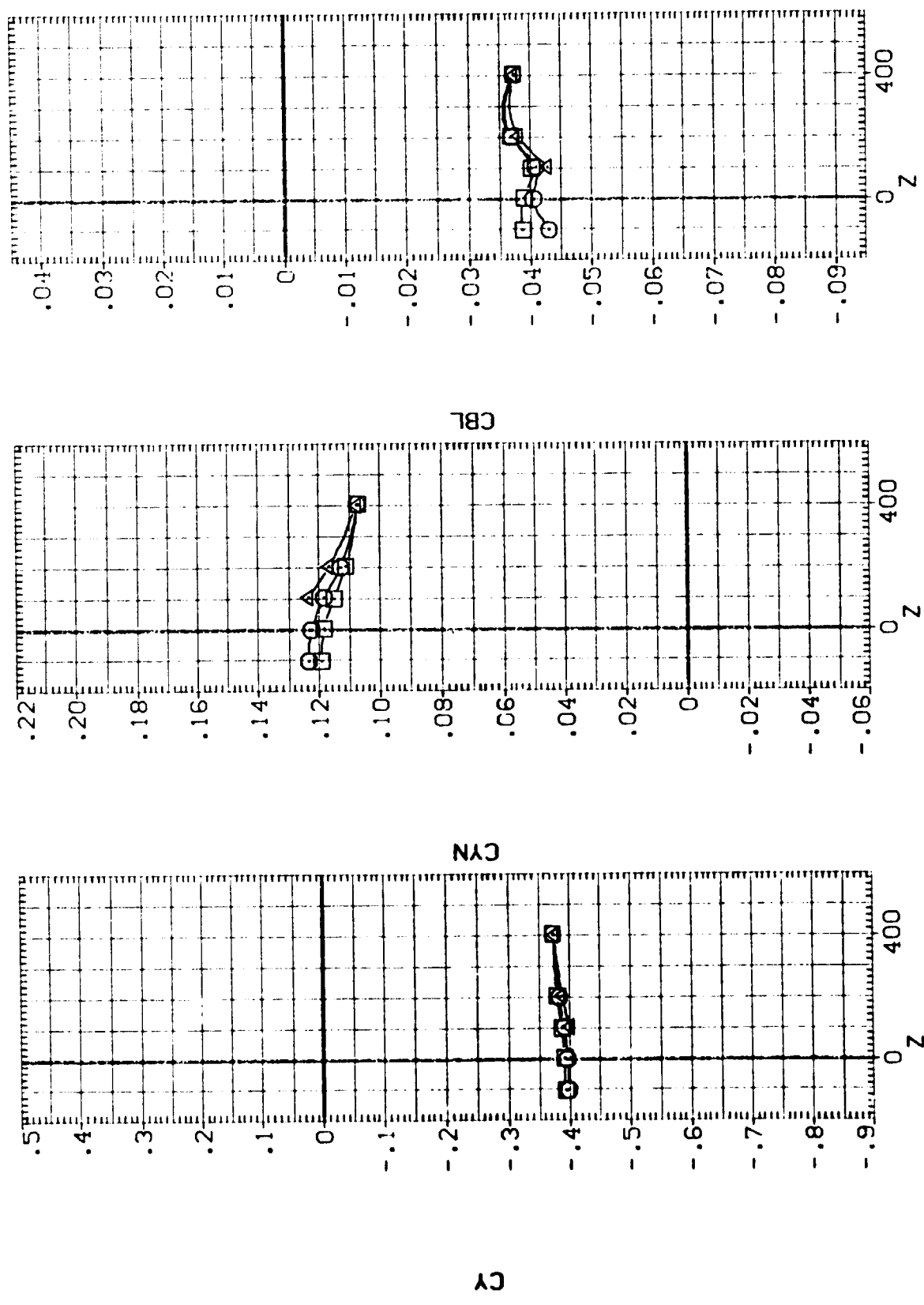


FIG.25 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(C)Y =200.00



DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(RTUI62)	□	AEDC/VA528(1A87)-01ET1S1	-ORB/ET V R/H SRB SEPAR.	.200	-4.000	300.000	4.520	SREF	2690.0000	SO.FT.			
(RTUI63)	□	AEDC/VA528(1A87)-01ET1S1	-ORB/ET V R/H SRB SEPAR.	5.200	-4.000	300.000	4.520	LREF	1290.3000	INCHES			
(RTUI66)	□	AEDC/VA528(1A87)-01ET1S1	-ORB/ET V R/H SRB SEPAR.	-4.800	-4.000	300.000	4.520	BREF	1290.3000	INCHES			
								XMRP	1097.0000	IN. XT			
								YMRP	.0000	IN. YT			
								ZMRP	450.0000	IN. ZT			
								SCALE	.0100				

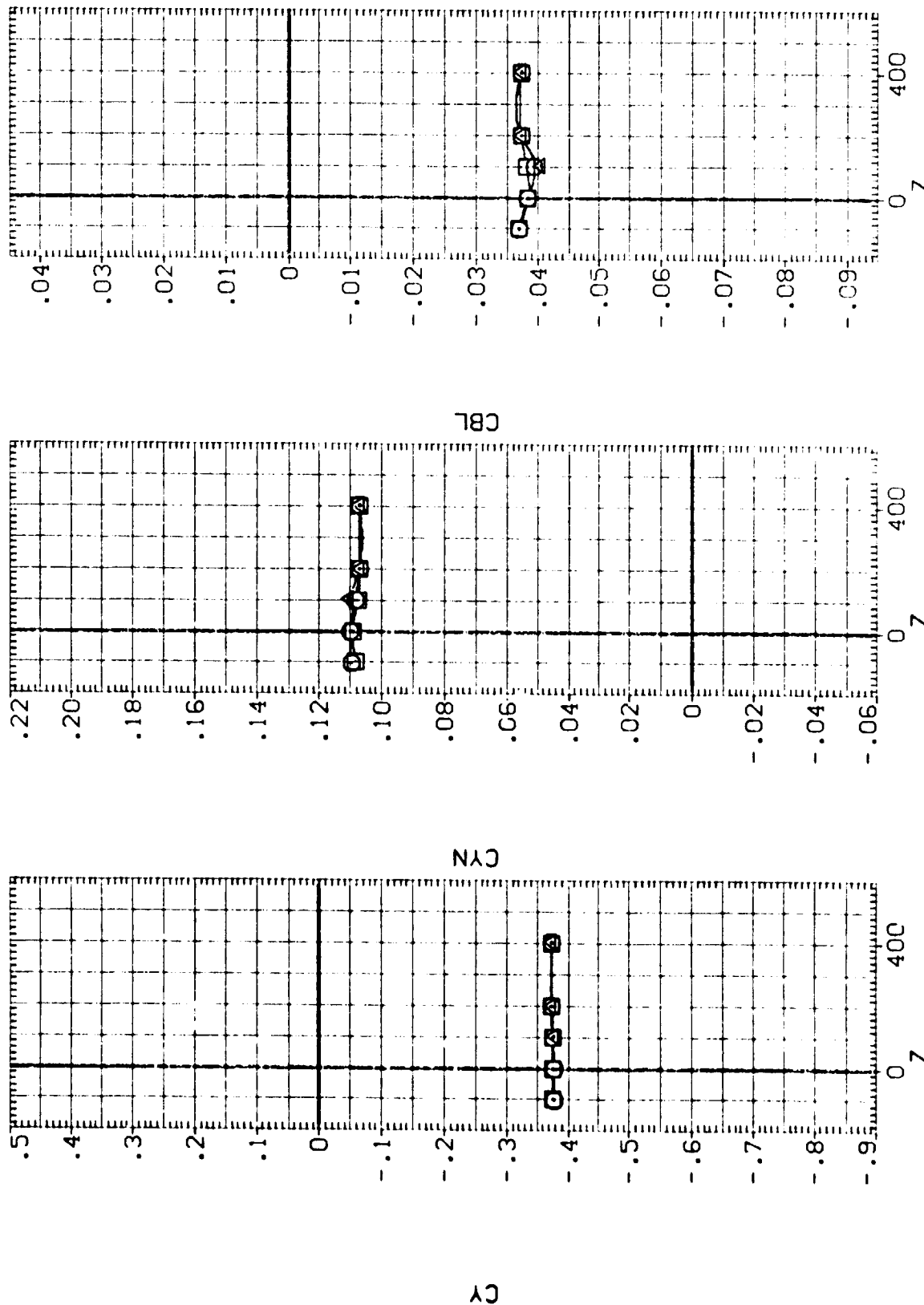


FIG.25 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(0)Y =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU167) AEDC/VA528(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.

(RTU170) AEDC/VA528(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.

(RTU171) AEDC/VA528(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.

LREF 1290.3000 INCHES

YMRP 1097.0000 IN. YI

ZMRP 450.0000 IN. ZI

SCALE .0100

MACH 4.520

DBETA -8.000

DALPHA .200

5.200

-4.800

X .000

.000

.000

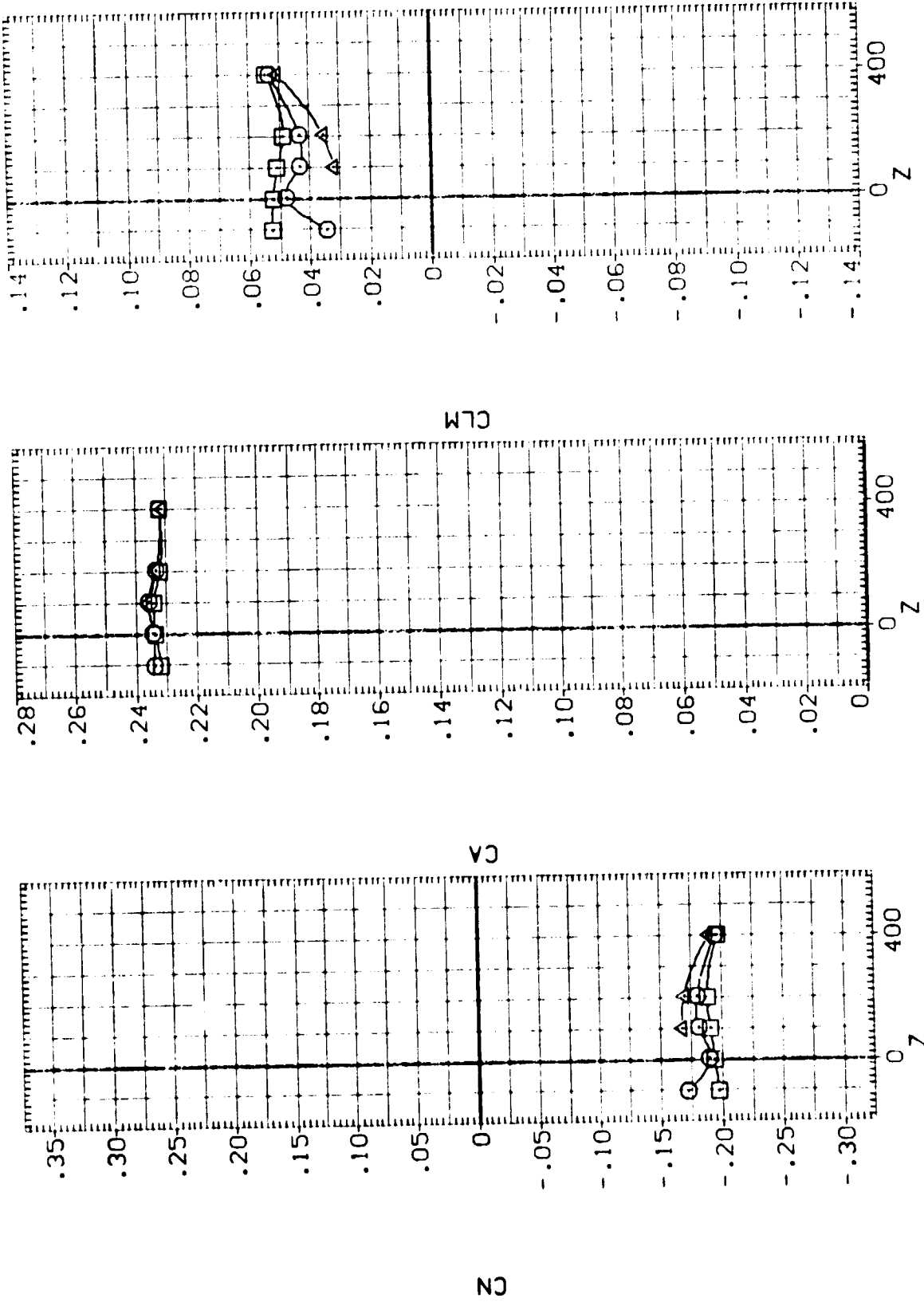


FIG.25 O/E<sup>T</sup> AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(C)Y =200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU167) AEDC/VAS28(1A87)-0:ETIS1-0RB/ET V R/H SRB SEPAR. DBETA -8.000

(RTU170) AEDC/VAS28(1A87)-0:ETIS1-0RB/ET V R/H SRB SEPAR. DBETA -8.000

(RTU171) AEDC/VAS28(1A87)-0:ETIS1-0RB/ET V R/H SRB SEPAR. DBETA -8.000

MACH REFERENCE INFORMATION

4.520 SREF 2690.0000 SQ.FT.

4.520 LREF 230.3000 INCHES

4.520 BREF 150.3000 INCHES

4.520 XMRP 1097.0000 IN. XT

4.520 YMRP 450.0000 IN. YT

4.520 ZMRP 450.0000 IN. ZT

SCALE 0.000

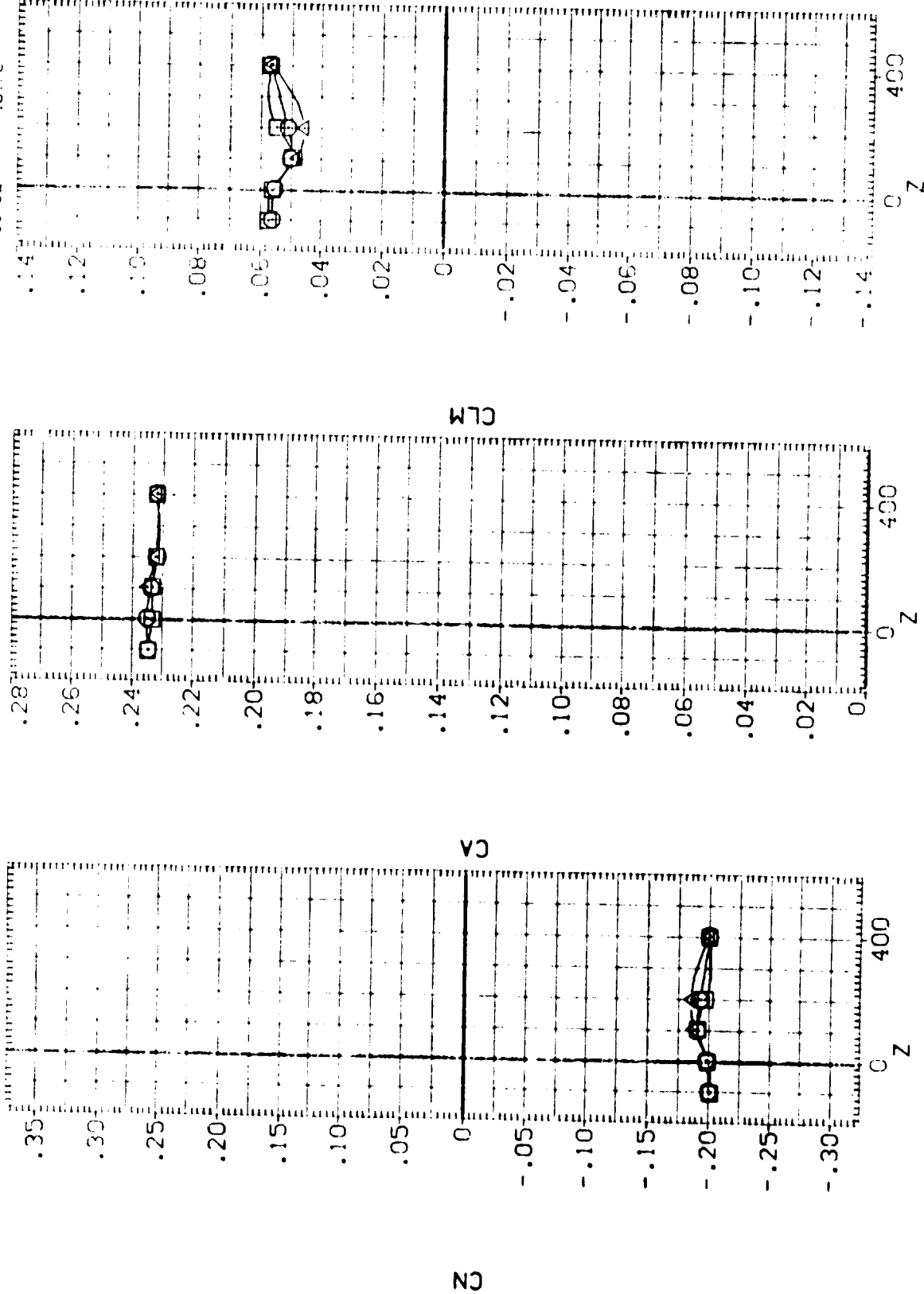


FIG.25 C/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU167)	AEDC/VA528(1A87)-O/ET1S1-ORB/ET	R/H SRB SEPAR.	200	-8.000	.000	4.520	SREF 2690.0000 SQ. FT.
(RTU170)	AEDC/VA528(1A87)-O/ET1S1-ORB/ET	R/H SRB SEPAR.	5.200	-8.000	.000	4.520	UREF 290.0000 INCHES
(RTU171)	AEDC/VA528(1A87)-O/ET1S1-ORB/ET	R/H SRB SEPAR.	-4.800	-8.000	.000	4.520	BREF 290.0000 INCHES
							YMRP 1097.0000 INCHES
							ZMRP 450.0000 INCHES
							SCALE .0100

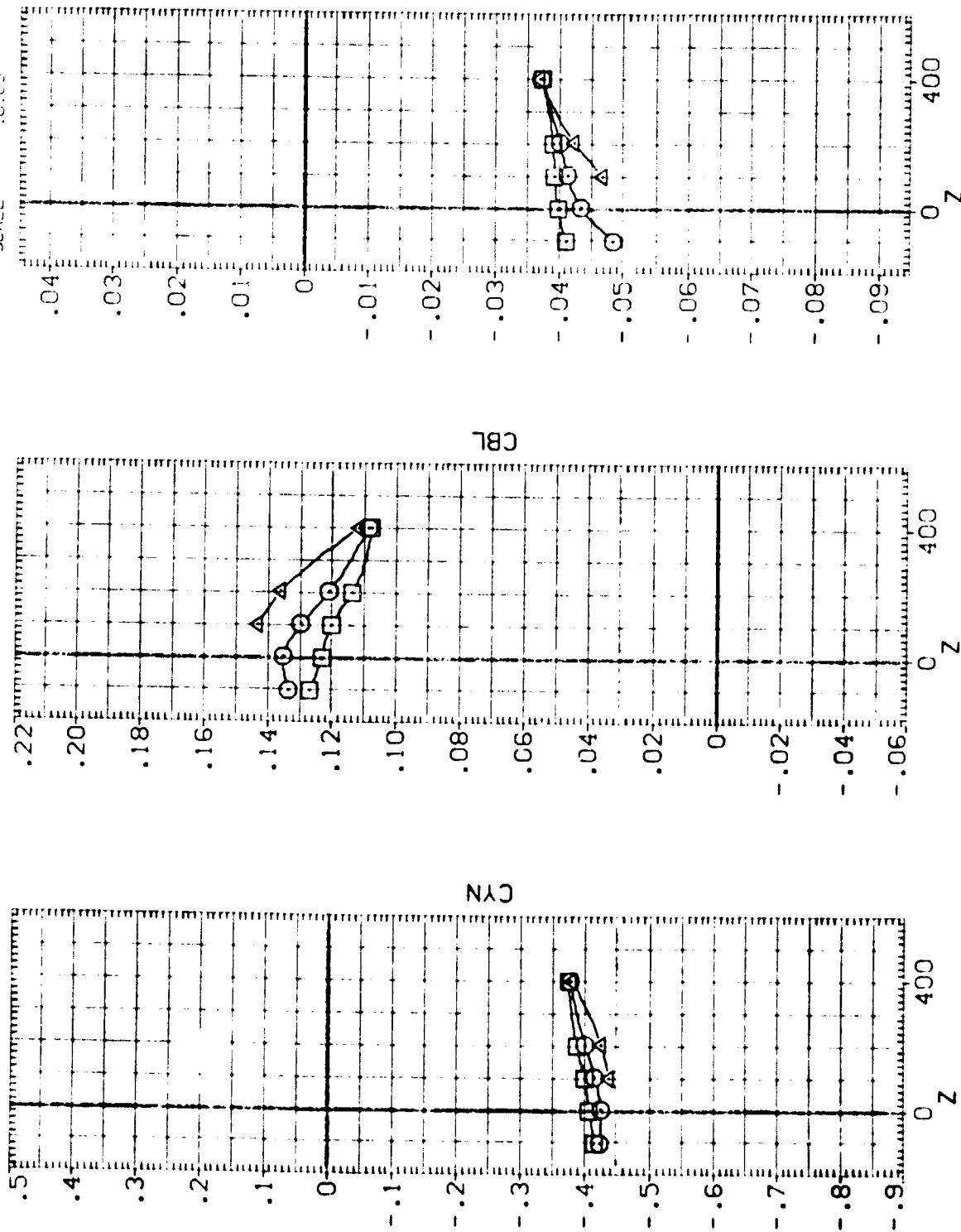


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
1	100% of the data set
2	100% of the data set
3	100% of the data set
4	100% of the data set
5	100% of the data set
6	100% of the data set
7	100% of the data set
8	100% of the data set
9	100% of the data set
10	100% of the data set
11	100% of the data set
12	100% of the data set
13	100% of the data set
14	100% of the data set
15	100% of the data set
16	100% of the data set
17	100% of the data set
18	100% of the data set
19	100% of the data set
20	100% of the data set
21	100% of the data set
22	100% of the data set
23	100% of the data set
24	100% of the data set
25	100% of the data set
26	100% of the data set
27	100% of the data set
28	100% of the data set
29	100% of the data set
30	100% of the data set
31	100% of the data set
32	100% of the data set
33	100% of the data set
34	100% of the data set
35	100% of the data set
36	100% of the data set
37	100% of the data set
38	100% of the data set
39	100% of the data set
40	100% of the data set
41	100% of the data set
42	100% of the data set
43	100% of the data set
44	100% of the data set
45	100% of the data set
46	100% of the data set
47	100% of the data set
48	100% of the data set
49	100% of the data set
50	100% of the data set
51	100% of the data set
52	100% of the data set
53	100% of the data set
54	100% of the data set
55	100% of the data set
56	100% of the data set
57	100% of the data set
58	100% of the data set
59	100% of the data set
60	100% of the data set
61	100% of the data set
62	100% of the data set
63	100% of the data set
64	100% of the data set
65	100% of the data set
66	100% of the data set
67	100% of the data set
68	100% of the data set
69	100% of the data set
70	100% of the data set
71	100% of the data set
72	100% of the data set
73	100% of the data set
74	100% of the data set
75	100% of the data set
76	100% of the data set
77	100% of the data set
78	100% of the data set
79	100% of the data set
80	100% of the data set
81	100% of the data set
82	100% of the data set
83	100% of the data set
84	100% of the data set
85	100% of the data set
86	100% of the data set
87	100% of the data set
88	100% of the data set
89	100% of the data set
90	100% of the data set
91	100% of the data set
92	100% of the data set
93	100% of the data set
94	100% of the data set
95	100% of the data set
96	100% of the data set
97	100% of the data set
98	100% of the data set
99	100% of the data set
100	100% of the data set

(RTU167)  
(RTU170)  
(RTU171)

AEDC/VAS28(1A87)-O1ET	S1	-CRB/ET	V	R/H	SR9	SEPAR.
AEDC/VAS28(1A87)-O1E*	S1	-CRB/ET	V	R/H	SR9	SEPAR.
AEDC/VAS29(1A87)-O1ET	S1	-CRB/ET	V	R/H	SR9	SEPAR.

0ALPHA	0BETA
0.200	-8.000
5.200	-8.000
-4.800	-8.000

000

WACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION	
	SO. FT. INCHES
SREF	2690.0000
LREF	1290.3000
RREF	1280.3000
XMRP	1097.0000
YMRP	0.0000
ZMRP	450.0000
SCALE	.0100

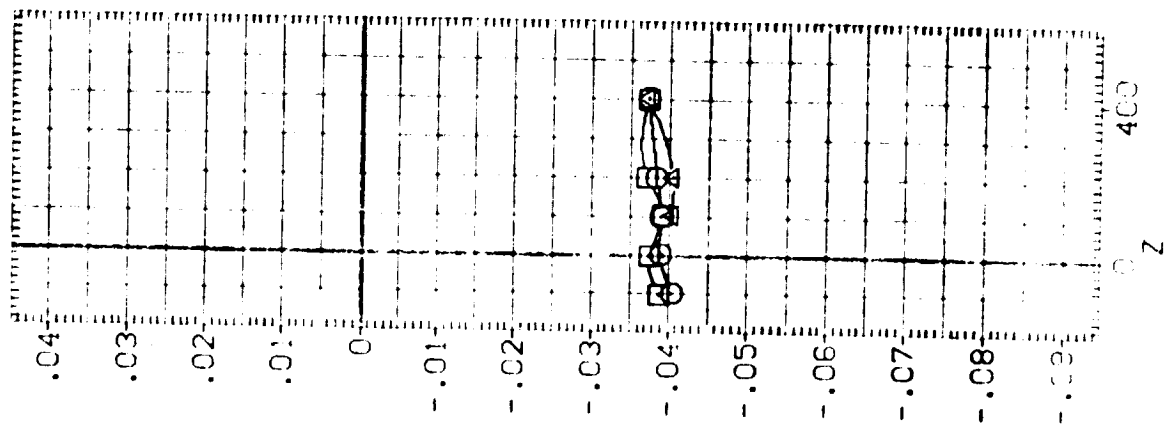
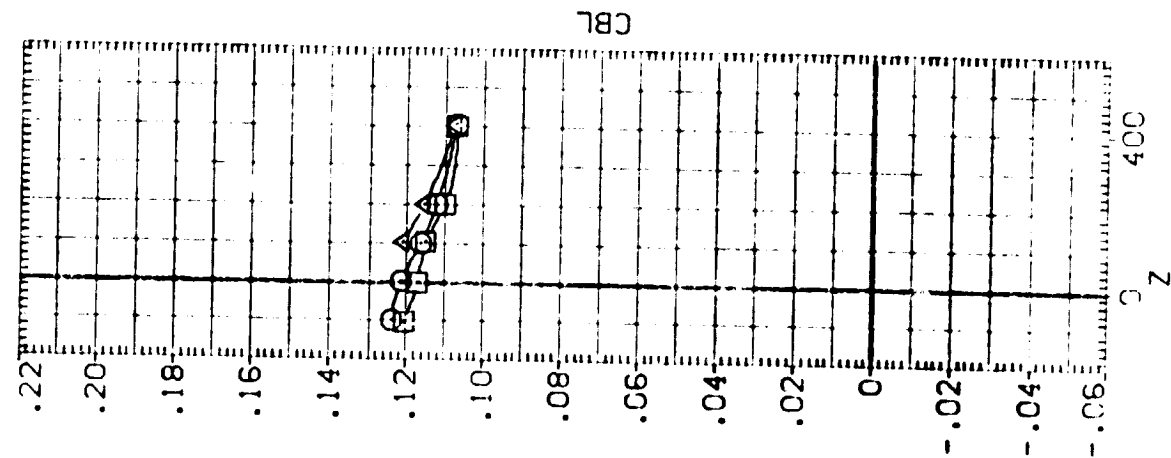
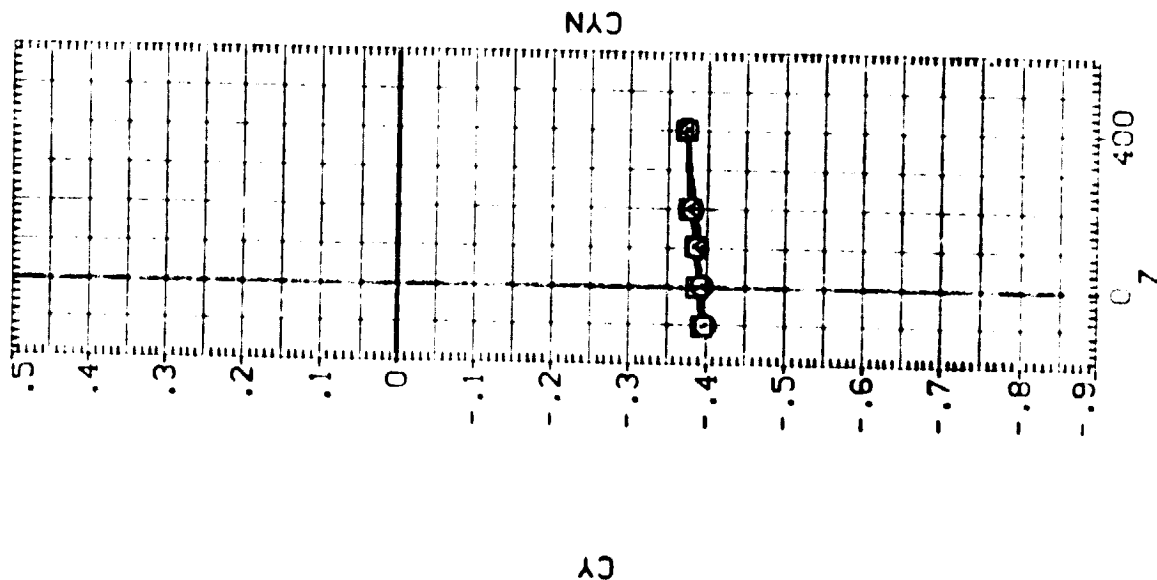


FIG.25 O/EET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)  
COPY =400.00

DATA SET SYMBOL: (RTU168) (RTU169) (RTU172)

CONFIGURATION DESCRIPTION:  
 AEDC/VA528(1A87)-O1ET151-ORB/ET V R/H SRB SEPAR.  
 AEDC/VA528(1A87)-O1ET151-ORB/ET V R/H SRB SEPAR.  
 AEDC/VA528(1A87)-O1ET151-ORB/ET V R/H SRB SEPAR.

DALPHA: 200 5.200 -4.800

DBETA: -8.000 -8.000 -8.000

X: 300.000 300.000 300.000

MACH: 4.520 4.520 4.520

REFERENCE INFORMATION:  
 SREF: 2690.0000 SQ. FT.  
 LREF: 1290.3000 INCHES  
 BREF: 1290.3000 INCHES  
 XMRP: 1097.0000 IN. XT  
 YMRP: .0000 IN. YT  
 ZMRP: 450.0000 IN. ZT  
 SCALE: .0100

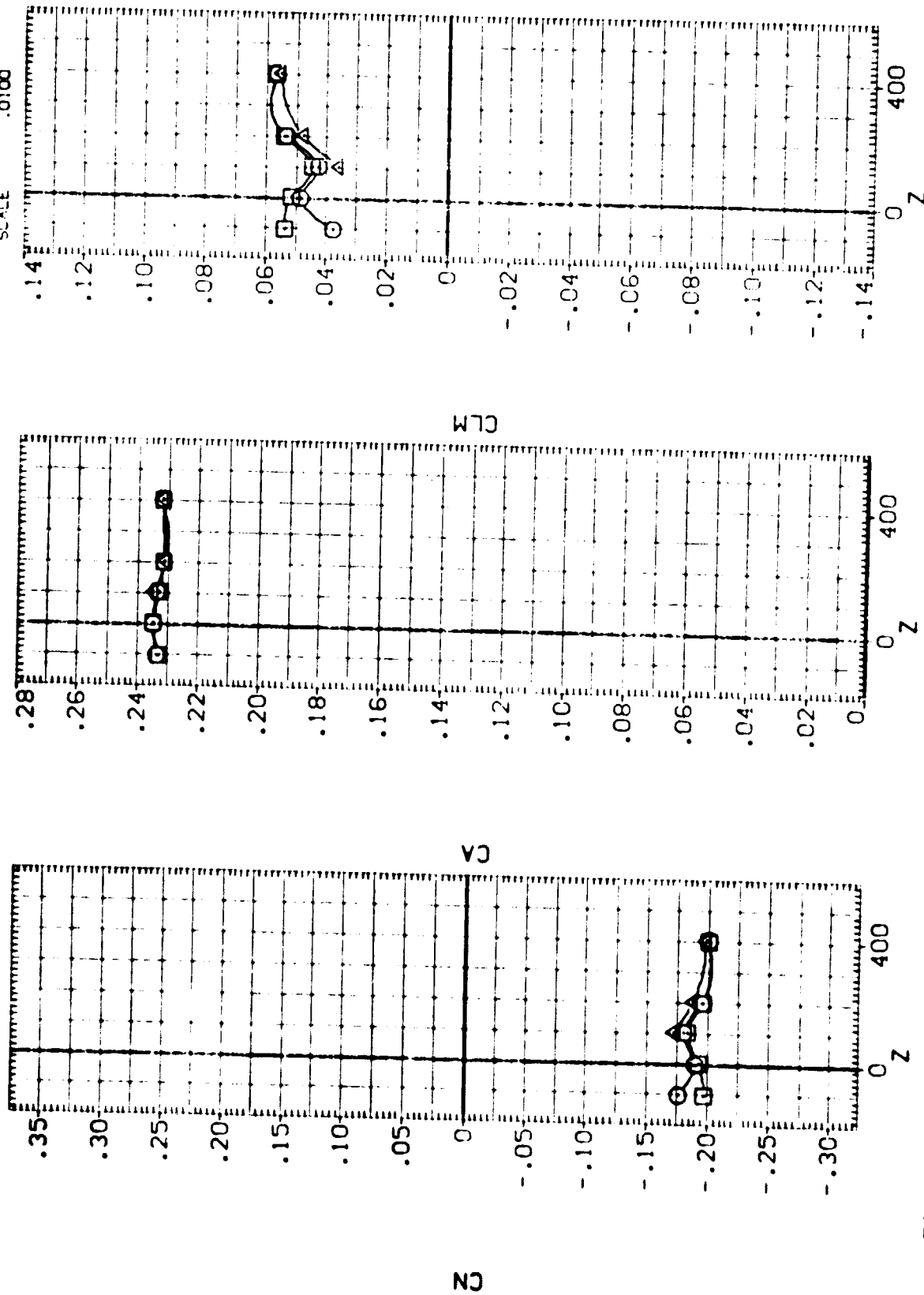


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)  
 (C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DSETA	X	MACH	REFERENCE INFORMATION
(RTU168)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/M SRB SEPAR.	200	-8.000	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU169)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/M SRB SEPAR.	5.200	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU172)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/M SRB SEPAR.	-4.800	-8.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP 0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

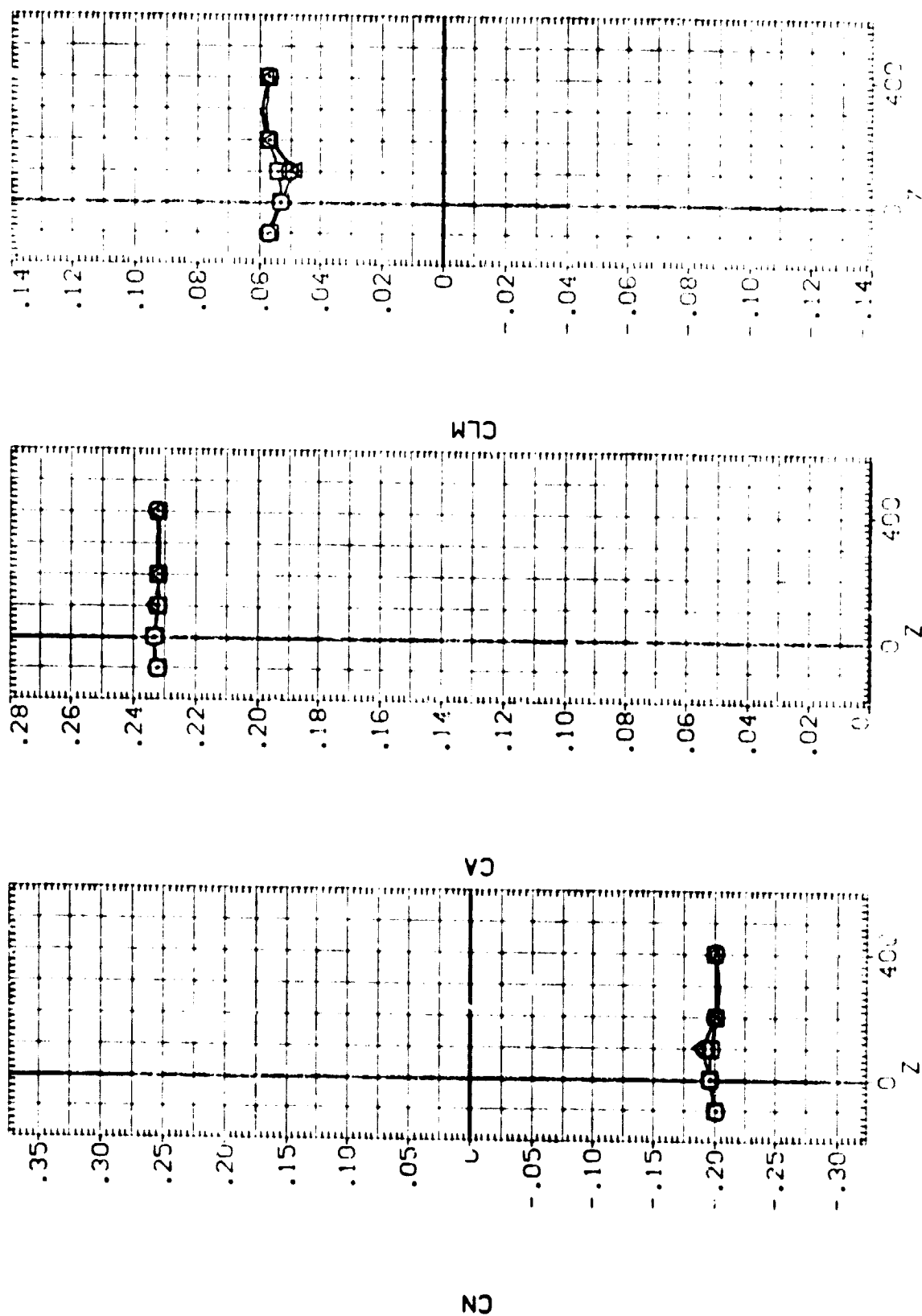


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 DEGA=10.8)

(D)Y =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION	R/H SRR SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE IN.	ATION
(RTU168)	AEDC/VA528(1A87)	-01ETISI-ORB/ET	Y	200	-8.000	300.000	4.520	SREF	2690.0000
(RTU169)	AEDC/VA528(1A87)	-01ETISI-ORB/ET	Y	5.200	-8.000	300.000	4.520	LREF	1290.3000
(RTU172)	AEDC/VA528(1A87)	-01ETISI-ORB/ET	Y	-4.800	-8.000	300.000	4.520	BREF	1290.3000
								XMRP	1097.0000
								YMRP	.0000
								ZMRP	.0000
								SCALE	.0100

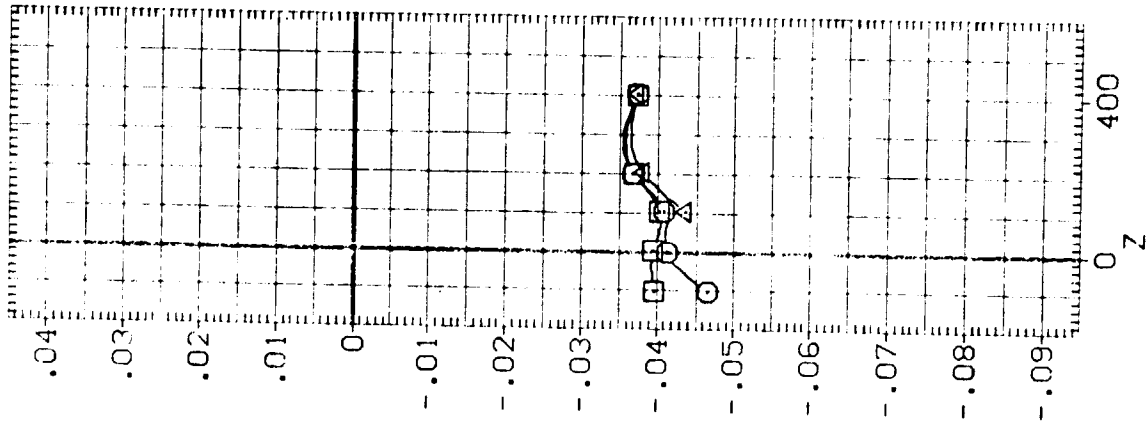
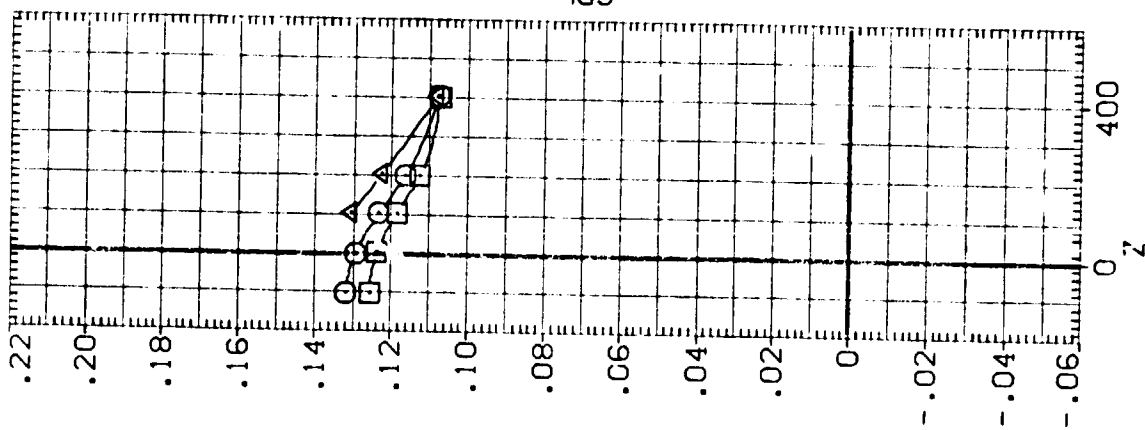
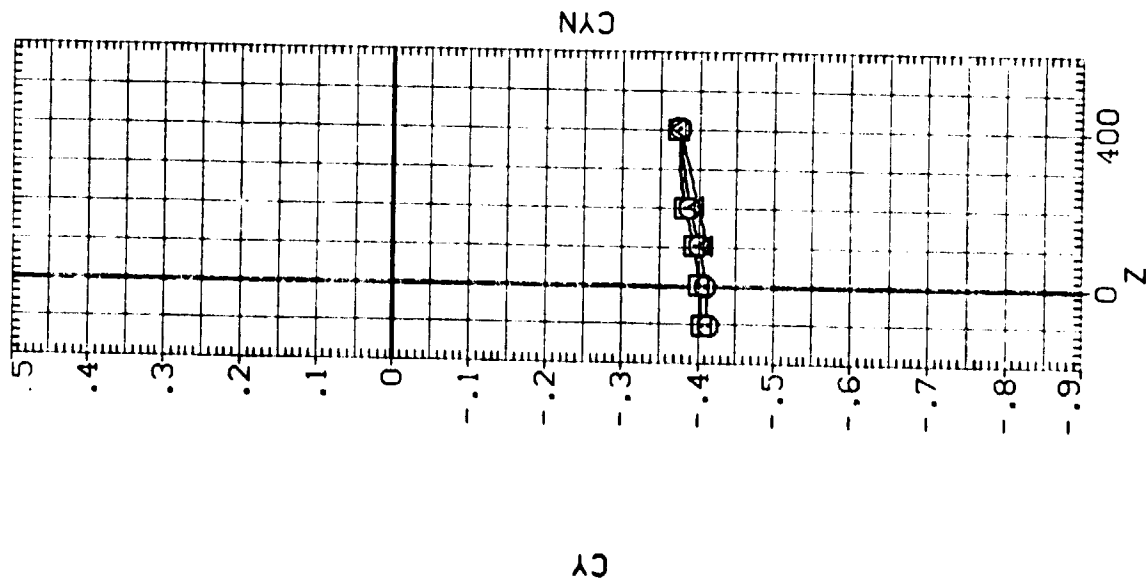


FIG.25 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)  
(C)Y =200.00



DATA SET SYMBOL: (RTU168) (RTU169) (RTU172)

CONFIGURATION DESCRIPTION: AEDC/VA528(IAB7)-01ET(I)-0RB/ET AEDC/VA528(IAB7)-01ET(I)-0RB/ET AEDC/VA528(IAB7)-01ET(I)-0RB/ET

MACH: 4.520 4.520 4.520

X: 300.000 300.000 300.000

DBETA: -8.000 -8.000 -8.000

DALPHA: .200 5.200 -4.800

R/H SRB SEPAR.: V R/H SRB SEPAR.: V R/H SRB SEPAR.: V

REFERENCE INFORMATION: SREF 2690.0000 50. FT. LREF 1290.3000 INCHES BREF 290.3000 INCHES XMRP 1097.0000 IN. YT YMRP .0000 IN. ZT ZMRP 450.0000 IN. SCALE .0100

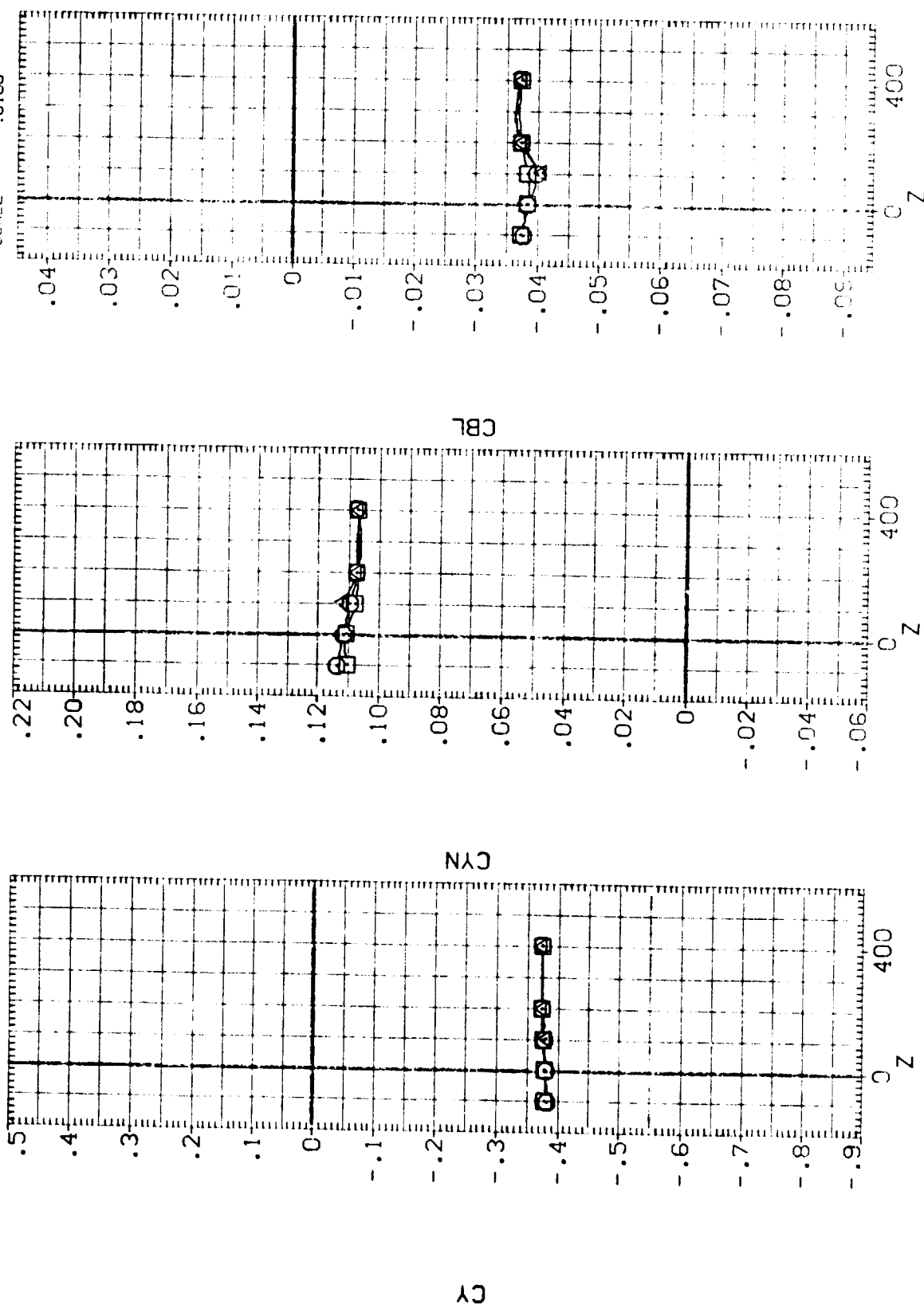


FIG.25 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=-5.9 BETA=10.8)

(D)Y = 400.00



DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(RTU191)	□	AEDC/VAS281(A87)-01ET1S1	-0RB/ET	V	R/H	SRB	SEPAR.	.000	.000	4.520	SRF	2690.0000	50.FT.
(RTU194)	□	AEDC/VAS281(A87)-01ET1S1	-0RB/ET	V	R/H	SRB	SEPAR.	.000	.000	4.520	LREF	1290.3000	INCHES
(RTU195)	□	AEDC/VAS281(A87)-01ET1S1	-0RB/ET	V	R/H	SRB	SEPAR.	.000	.000	4.520	BREF	1290.3000	INCHES
											YMRP	1097.0000	IN. Y
											ZMRP	450.0000	IN. Z
											SCALE	0.100	

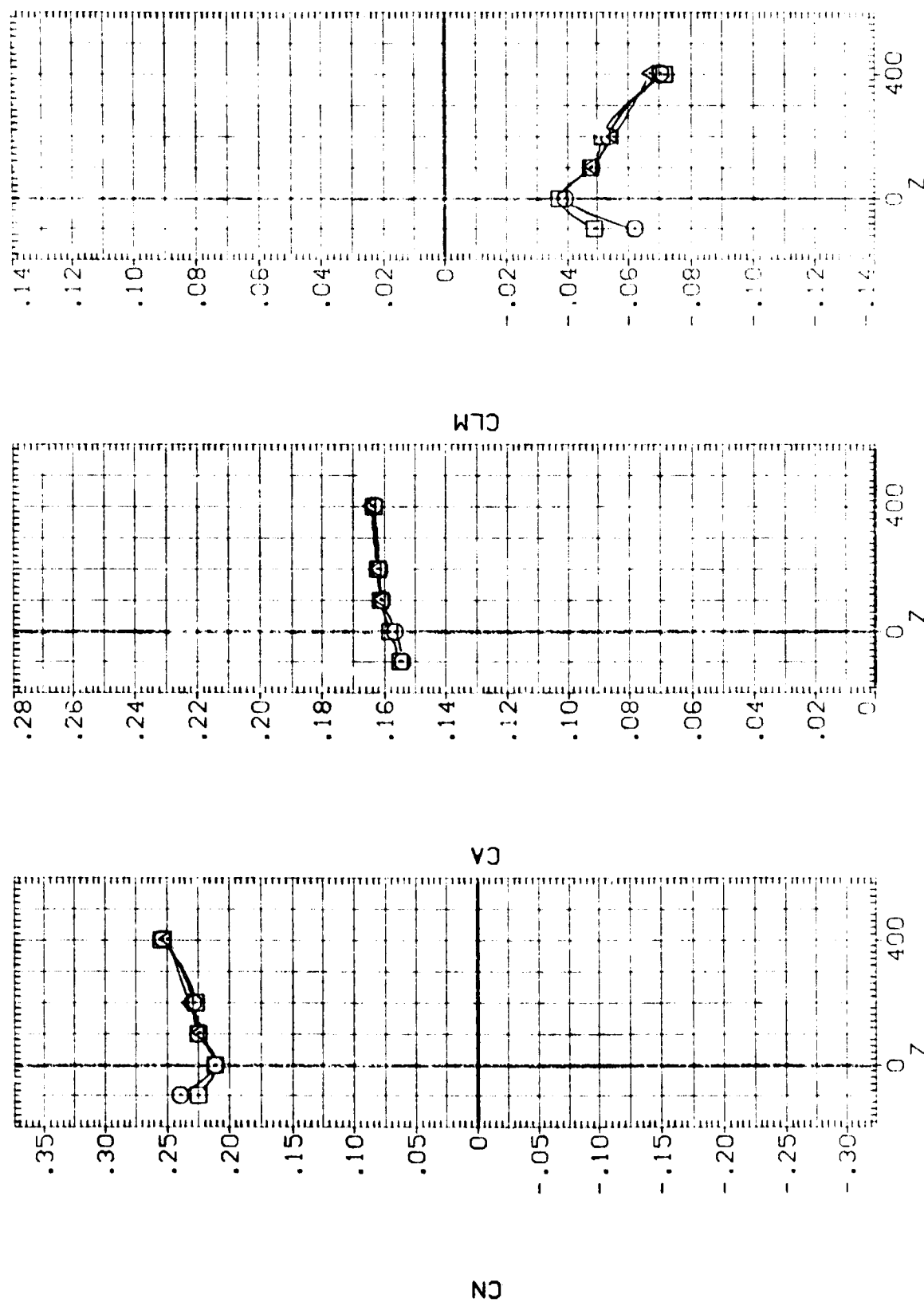


FIG.26 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)  
 (B)Y =100.00 PAGE 1746

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	DBETA	X	MACH	REFERENCE INFORMATION
(RTU191)	AEDC/VA528(1A87)-01ET1S1-CR8/ET	✓	.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU194)	AEDC/VA528(1A87)-01ET1S1-CR8/ET	✓	.000	.000	4.520	REF 1290.3000 INCHES
(RTU195)	AEDC/VA528(1A87)-01ET1S1-CR8/ET	✓	-4.900	.000	4.520	REF 1290.3000 INCHES
						YMRB 1097.0000 IN. Y
						ZMRB 450.0000 IN. Z
						SCALE .0100

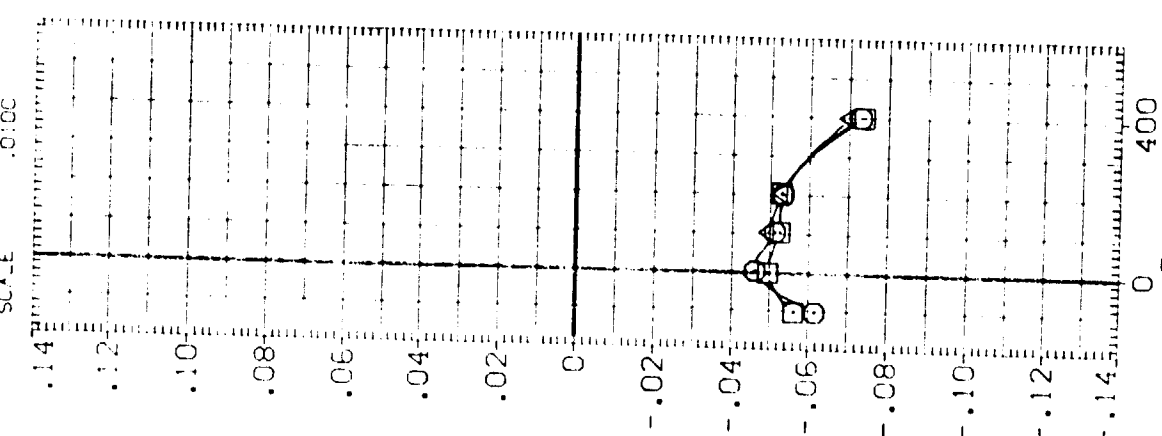
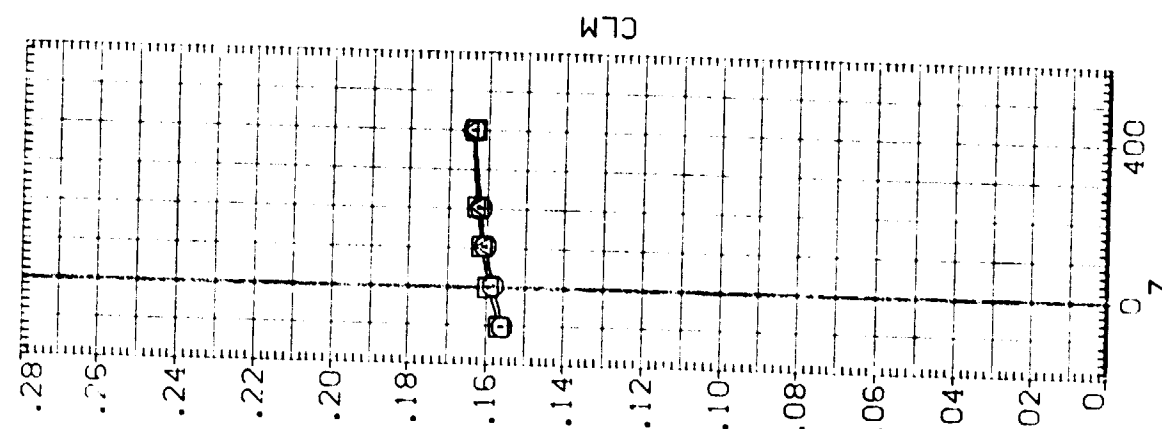
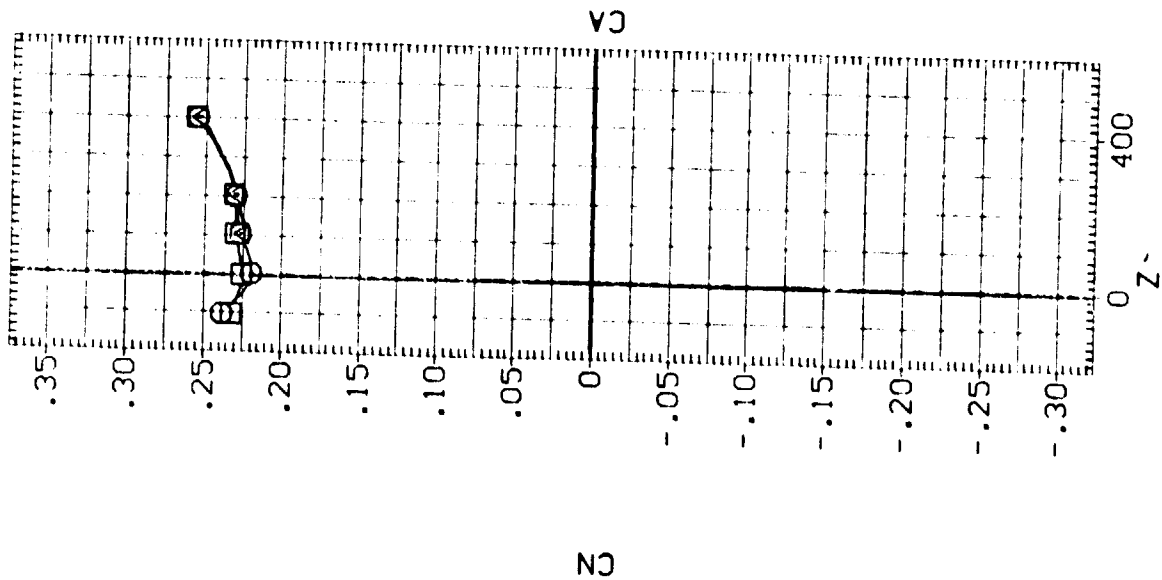


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)  
(C)Y =200.00

DATA SET SYMBOL	CONF	DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTUI91)	AEDC/VA528(IAB7)	-01ETIS1-OR8/ET	.000	.000	.000	4.520	SREF 2' 30.0000 SQ.FT.
(RTUI94)	AEDC/VA528(IAB7)	-01ETIS1-OR8/ET	.000	.000	.000	4.520	REF 1' 30.3000 INCHES
(RTUI95)	AEDC/VA528(IAB7)	-01ETIS1-OR8/ET	.000	.000	.000	4.520	BREF 1230.2000 INCHES
							YMRP 1097.0000 IN. XT
							ZMRP .0000 IN. YT
							SCALE 450.0000 IN. ZT

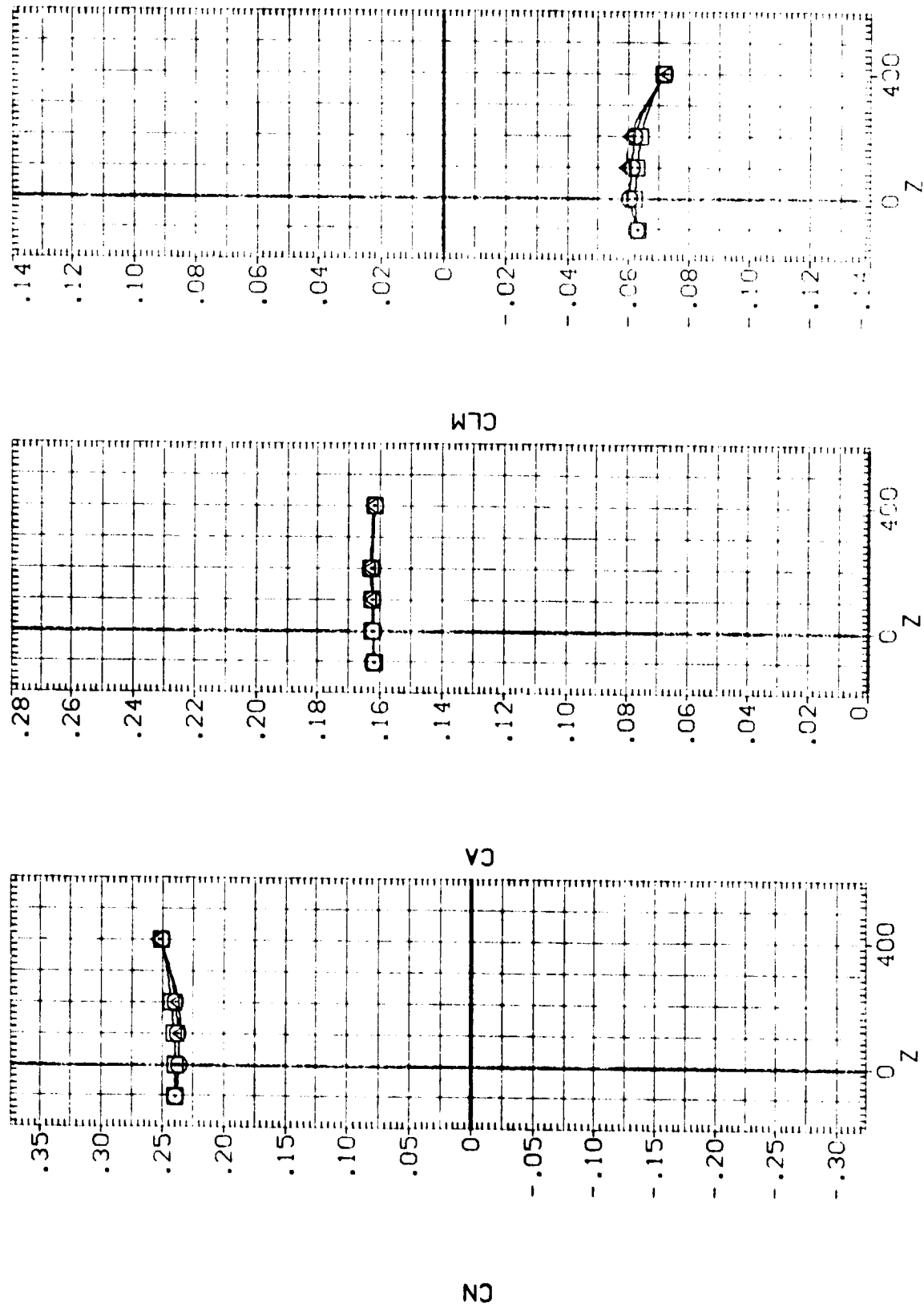


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=1.0)

(C)Y =400.00



DATA SET SYMBOL	CONF (GURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU191)	AEDC/VAS281(A87)-01ETIS1-0RB/ET	.000	.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTU194)	AEDC/VAS281(A87)-01ETIS1-0RB/ET	5.100	.000	.000	4.520	LREF 1290.3000 INCHES
(RTU195)	AEDC/VAS281(A87)-01ETIS1-0RB/ET	-4.900	.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP 2000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

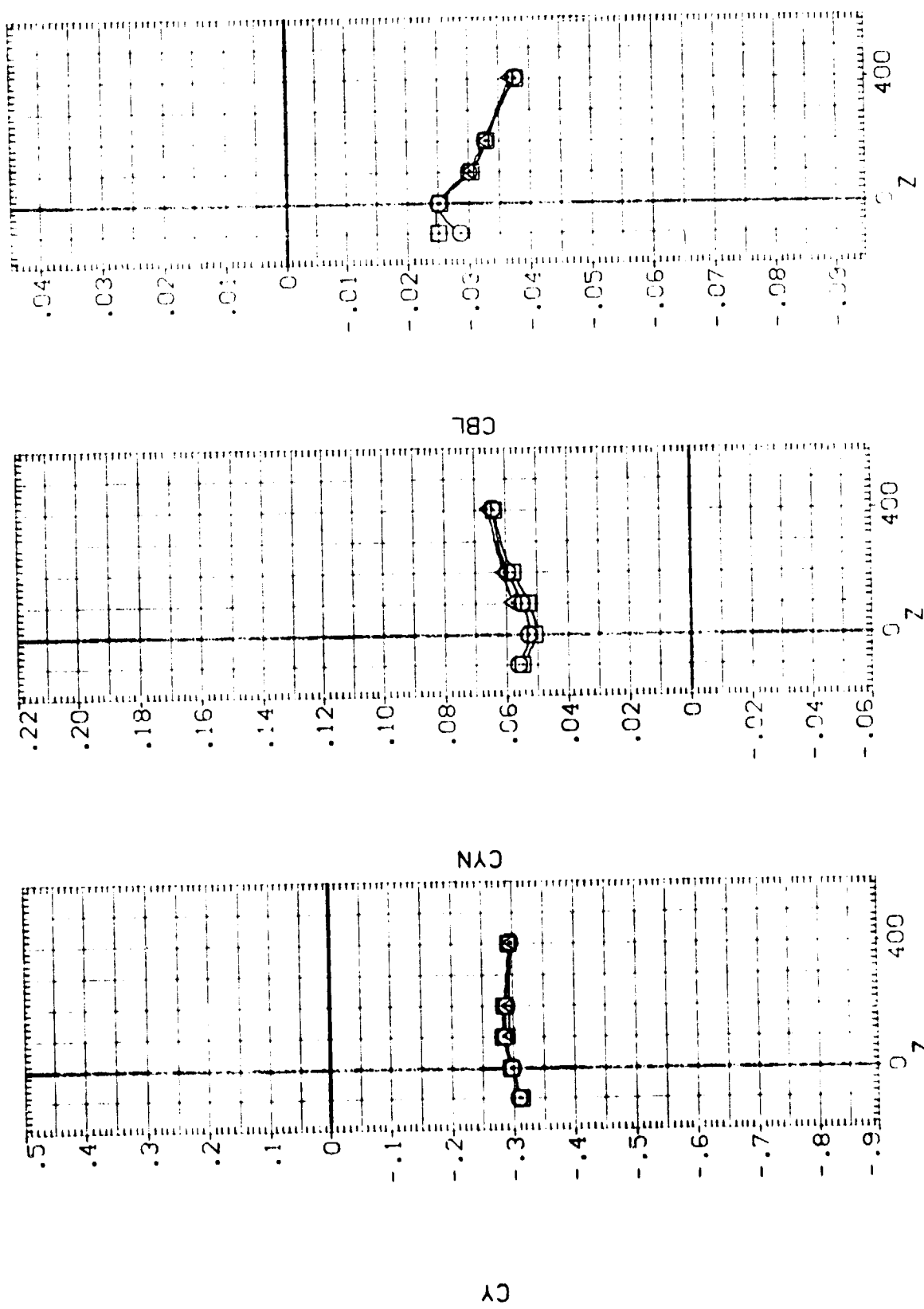


FIG.26 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(B)Y =100.00





# DATA SET SYMBOL

(RTU191)  
(RTU194)  
(RTU195)

## CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-O1ET1S1-OR8/ET  
AEDC/VAS28(1A87)-O1ET1S1-OR8/ET  
AEDC/VAS28(1A87)-O1ET1S1-OR8/ET

R/H SRB SEPAR.  
R/H SRB SEPAR.  
R/H SRB SEPAR.

DALPHA  
DALPHA  
DALPHA

DBETA  
DBETA  
DBETA

X  
X  
X

MACH  
MACH  
MACH

REFERENCE INFORMATION  
SREF 2690.0000 50. FT.  
LREF 1290.3000 INCHES  
BREF 290.3000 INCHES  
XREF 097.0000 IN. XT  
YREF 0000 IN. YT  
ZREF 450.0000 IN. ZT  
SCALE 0.0100

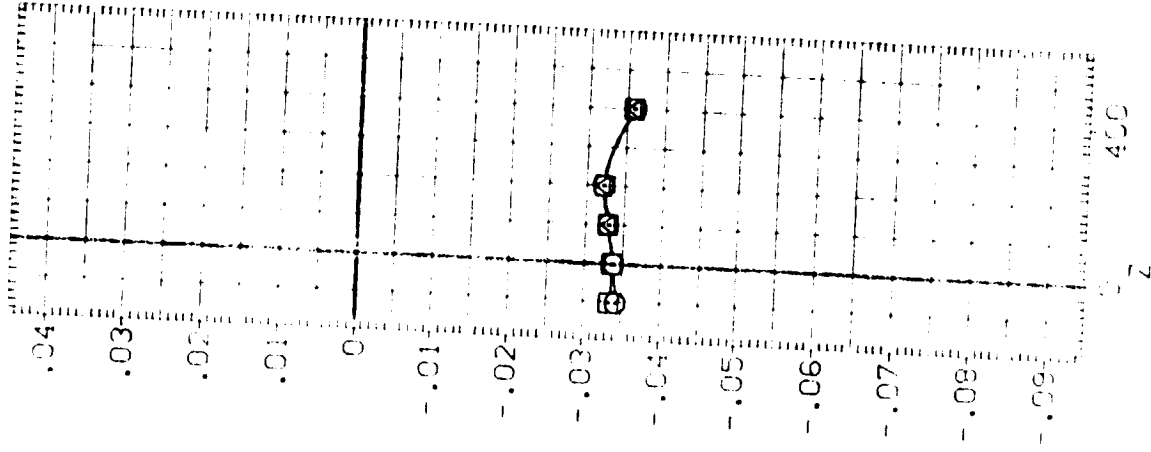
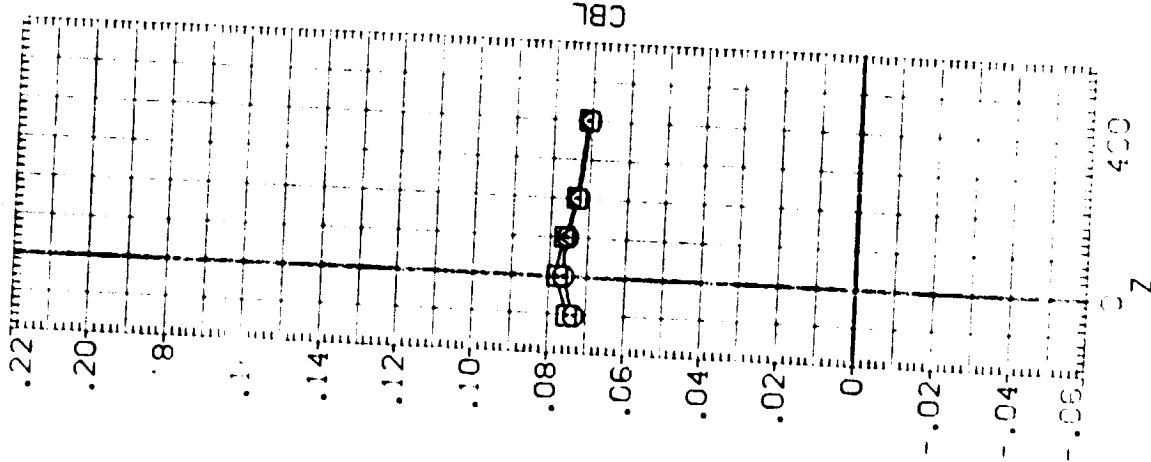
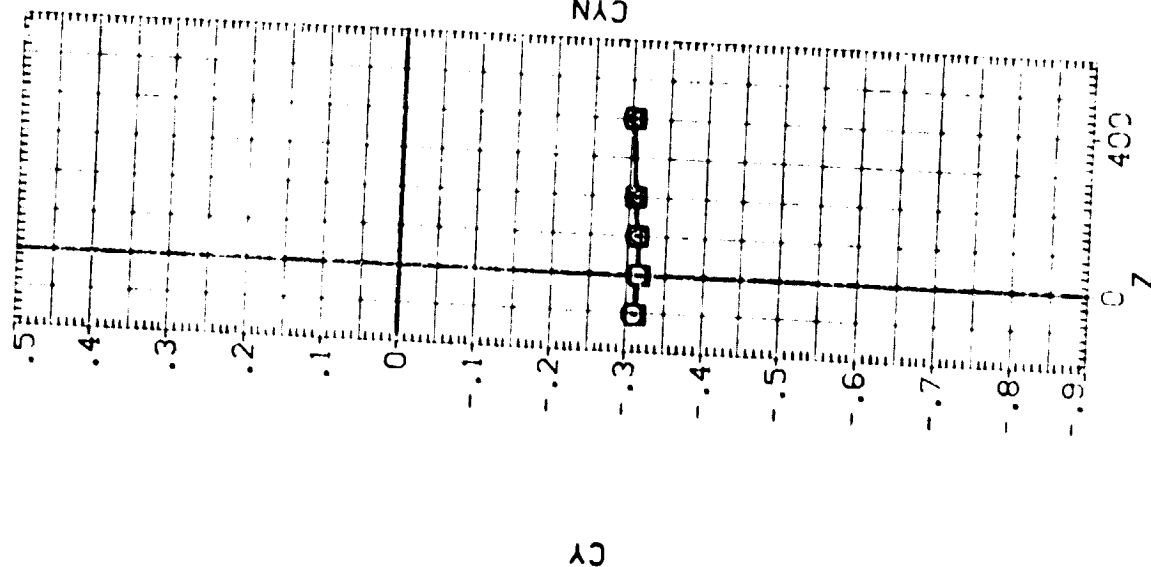


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=0.2, BETA=0.0)  
(CY) = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU192)	AEDC/VAS-281(A87)-01E(1S)-CRB/E1	R/H SRB SEPAR.	.000	.000	300.000	4.520	SREF 2690.0000 SQ. FT.
(RTU193)	AEDC/VAS-281(A87)-01E(1S)-CRB/E1	R/H SRB SEPAR.	5.100	.000	300.000	4.520	REF 1290.3000 INCHES
(RTU196)	AEDC/VAS-281(A87)-01E(1S)-CRB/E1	R/H SRB SEPAR.	-4.900	.000	300.000	4.520	REF 1290.3000 INCHES
							XMDD 1097.0000 IN. XT
							VMDD .0000 IN. YT
							ZMDD 450.0000 IN. ZY
							SCALE .0100

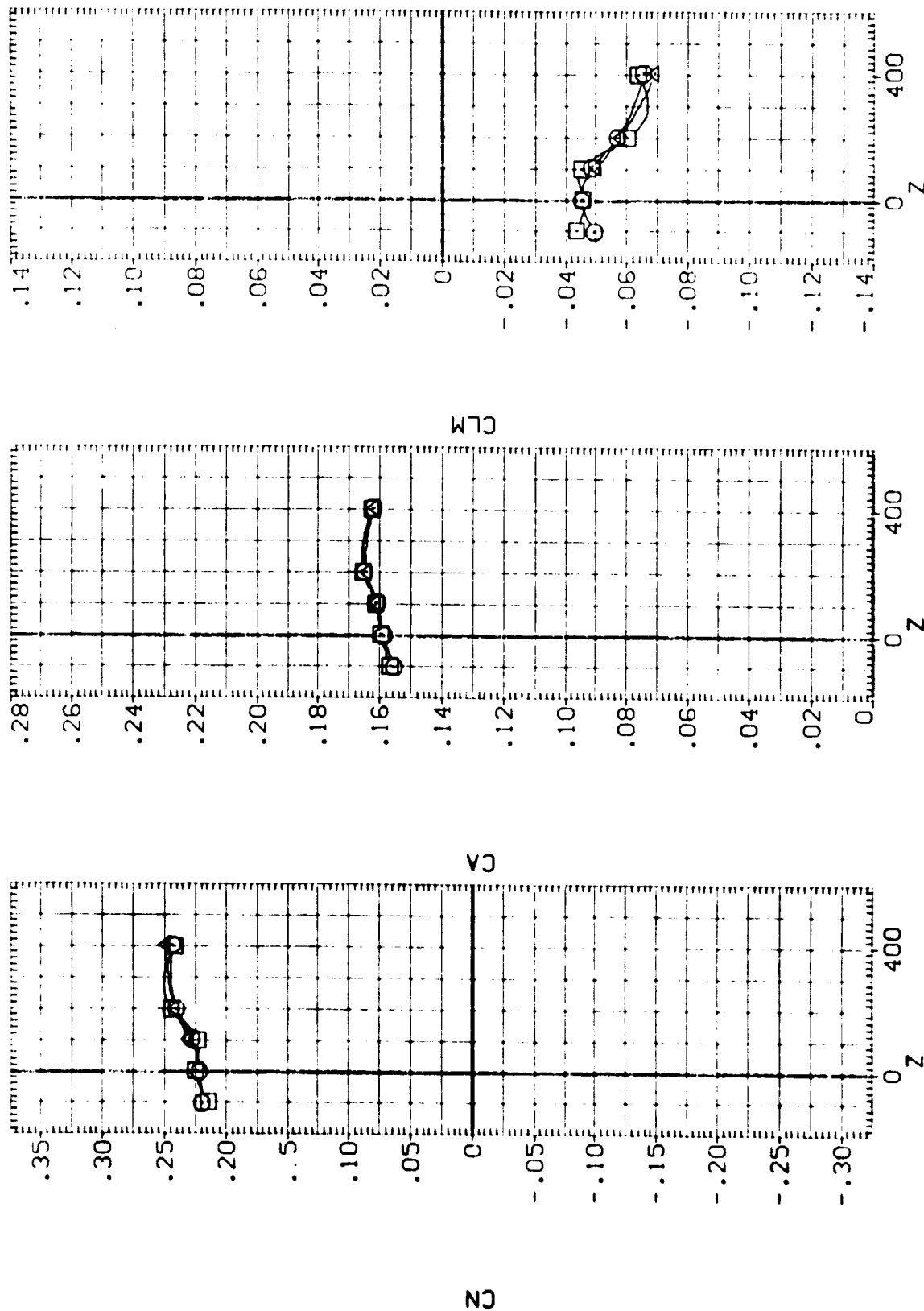


FIG.26 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(A)Y = 10.00

(RTU192)  
(RTU193)  
(RTU196)

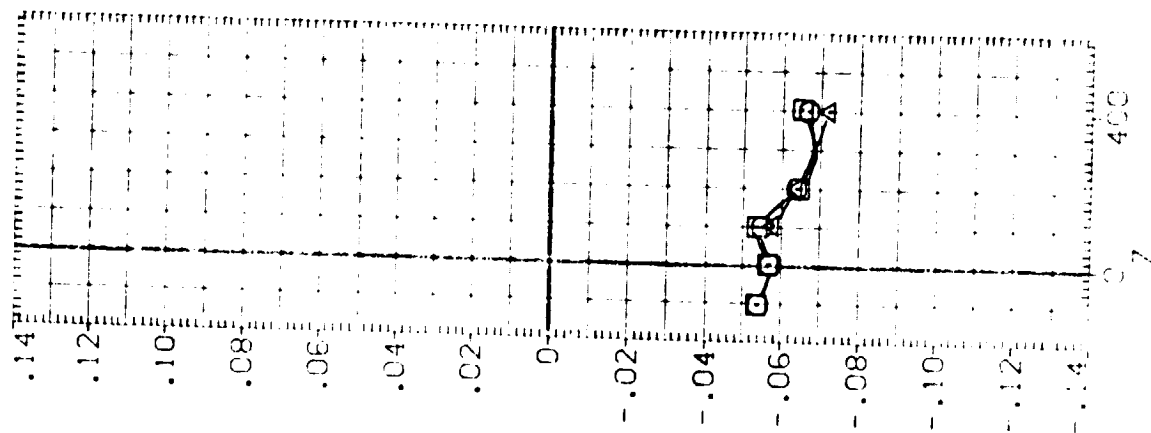
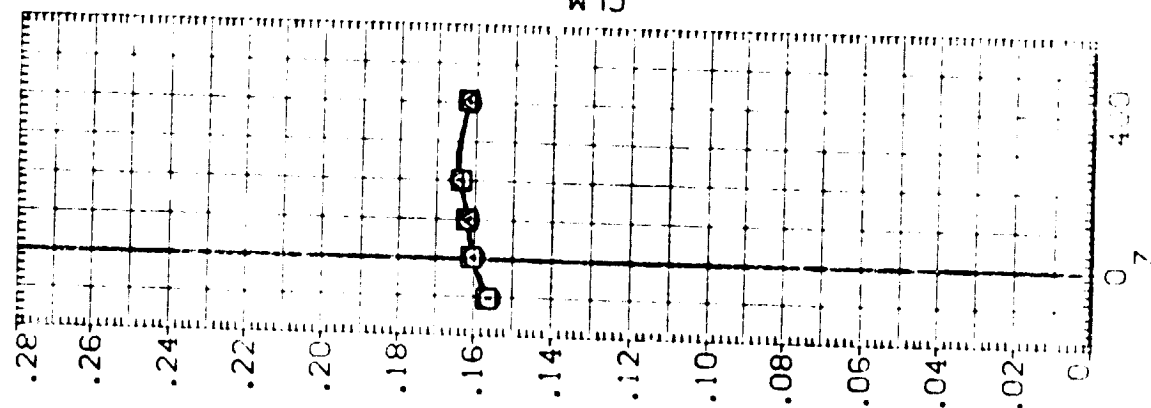
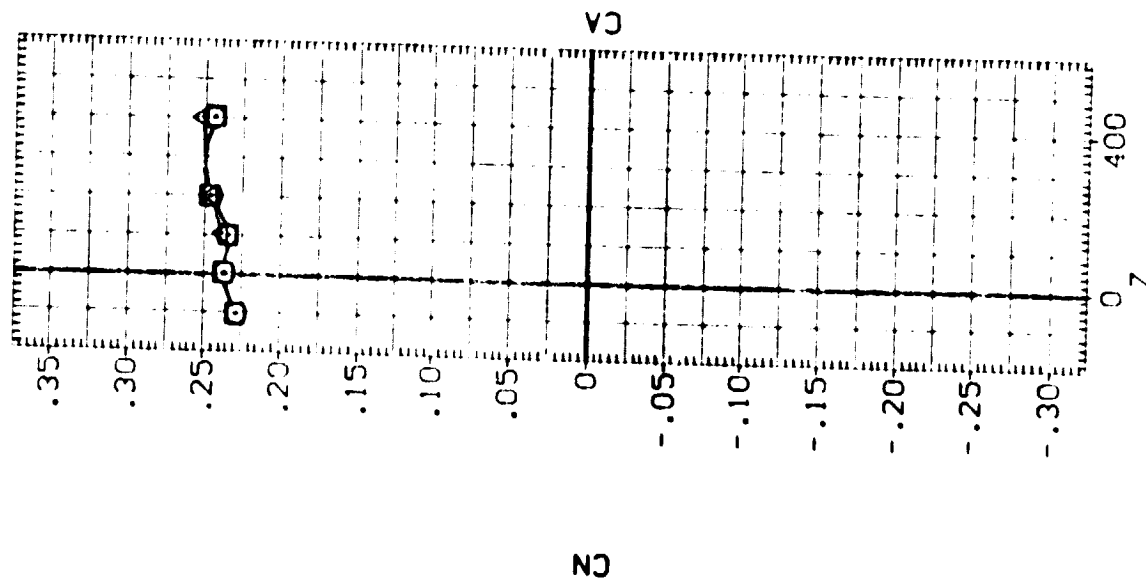
(RTU192)  
(RTU193)  
(RTU196)

DESCRIPTION	Y	R/H	SRB	SEPAR.
AEDC/VA5281(A87)	-O1ET	S1	-OR8/	ET SRB
AEDC/VA5281(A87)	-O1ET	S1	-OR8/ET	SRB SEPAR.
AEDC/VA5281(A87)	-O1ET	S1	-OR8/ET	SRB SEPAR.

DALPHA	DBETA	X
.000	.000	300.000
5.100	.000	300.000
-4.900	.000	300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION	
SREF	2630.0000 SQ. FT.
BREF	1290.3000 INCHES
LREF	1290.3000 INCHES
XMRP	1097.0000 IN. XT
YMRP	1000.0000 IN. YT
ZMRP	450.0000 IN. ZT
SCALE	1:100



00000

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		MACH		REFERENCE INFORMATION	
(RTU192)	AEDC/VAS28(1AB71)-01ET(1)	ORBIT	ORBIT	4.520	SREF	2690.0000	50.0 FT.
(RTU193)	AEDC/VAS28(1AB71)-01ET(1)	ORBIT	ORBIT	4.520	LREF	1290.3000	INCHES
(RTU196)	AEDC/VAS28(1AB71)-01ET(1)	ORBIT	ORBIT	4.520	BREF	1290.3000	INCHES
					YMRP	1297.0000	IN. Y
					ZMRP	450.0000	IN. Z
					SCALE	.0100	

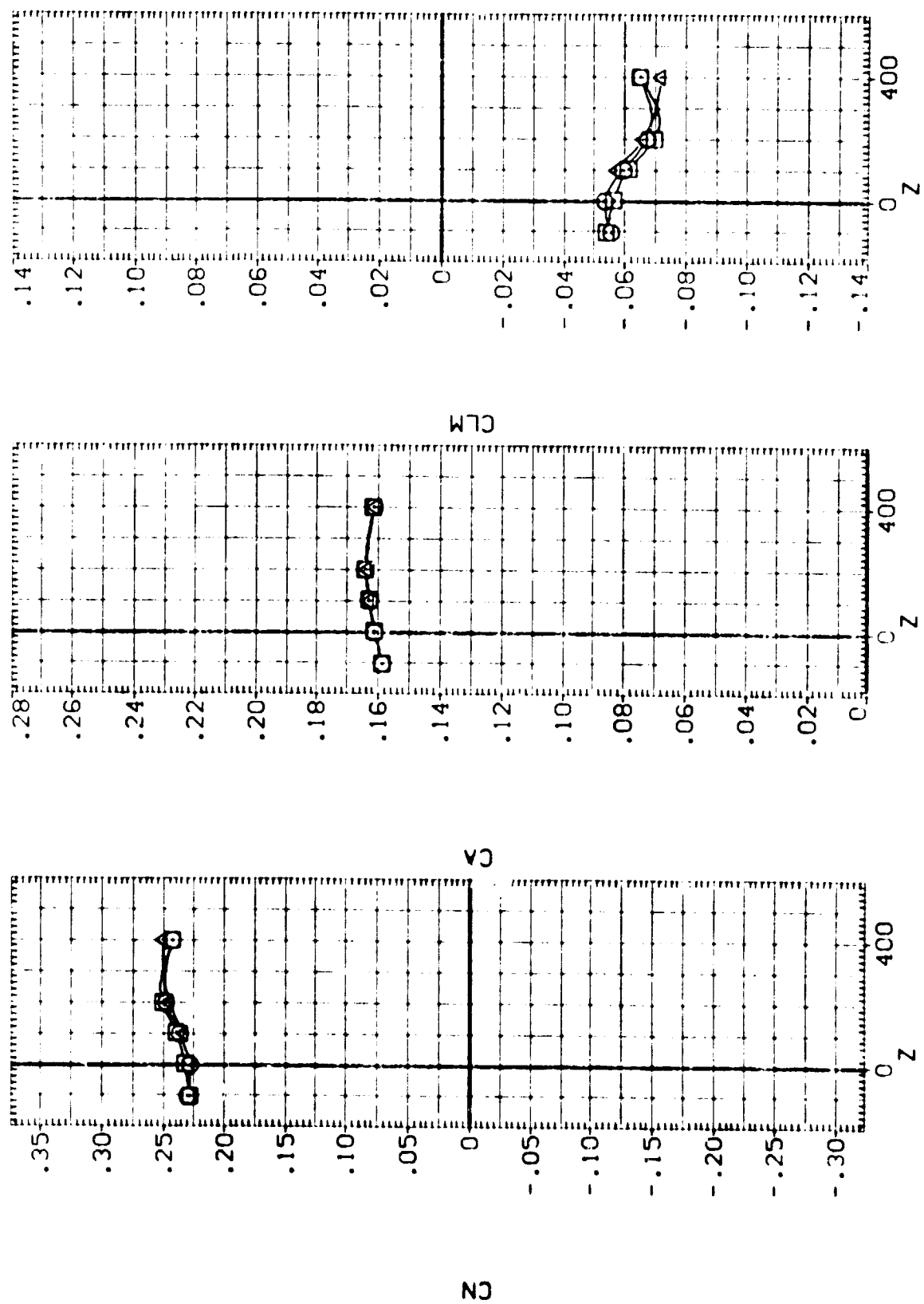


FIG.26 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(C)Y =200.00

DATA SET SYMBOL: [RTU]92 [RTU]93 [RTU]96

CONFIGURATION DESCRIPTION: AEDC/VAS28([A87]-01ETIS) -0RB/ET V R/H SRB SEPAR. AEDC/VAS28([A87]-01ETIS) -0RB/ET V R/H SRB SEPAR. AEDC/VAS28([A87]-01ETIS) -0RB/ET V R/H SRB SEPAR.

ALPHA DBETA X 300.000 300.000 300.000

MACH 4.520 4.520 4.520

REFERENCE INFORMATION: SREF 2690.0000 SQ.FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XMRP 1097.0000 IN. YMRP 450.0000 IN. ZMRP 450.0000 IN. Z SCALE .0100

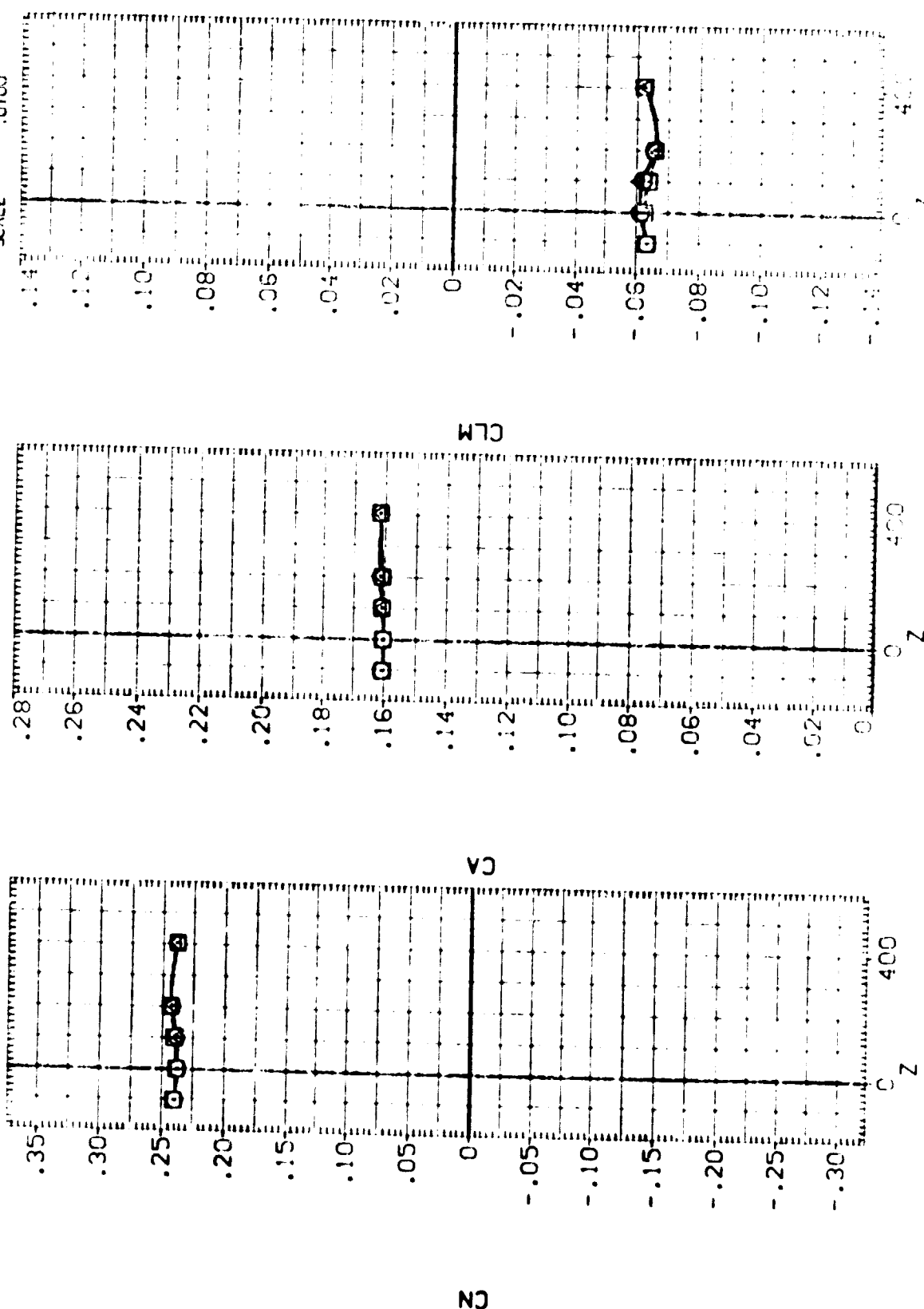


FIG.26 0/ET AERO CHARACTERISTICS W/RIGHT SRB SEPARATING (ALPHA=10.2 DEGREE)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU192)	AEDC/VA528(1A37)-01ETIS1-ORB/ET	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU193)	AEDC/VA528(1A87)-01ETIS1-ORB/ET	5.100	.000	300.000	4.520	LREF 1250.3000 INCHES
(RTU196)	AEDC/VA528(1A87)-01ETIS1-ORB/ET	-4.900	.000	300.000	4.520	BREF 1250.3000 INCHES
						XMRP .0000 IN. X
						YMRP .0000 IN. Y
						ZMRP .0000 IN. Z
						SCALE 450.0000

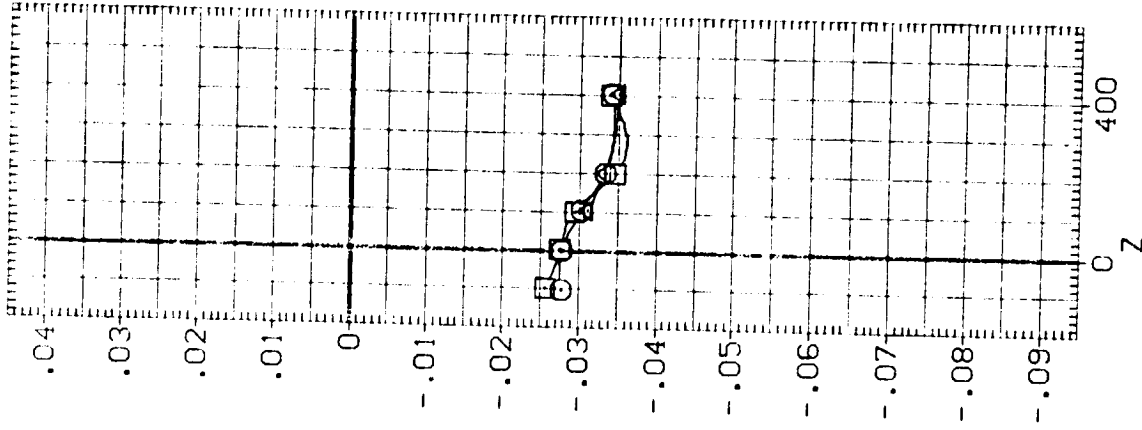
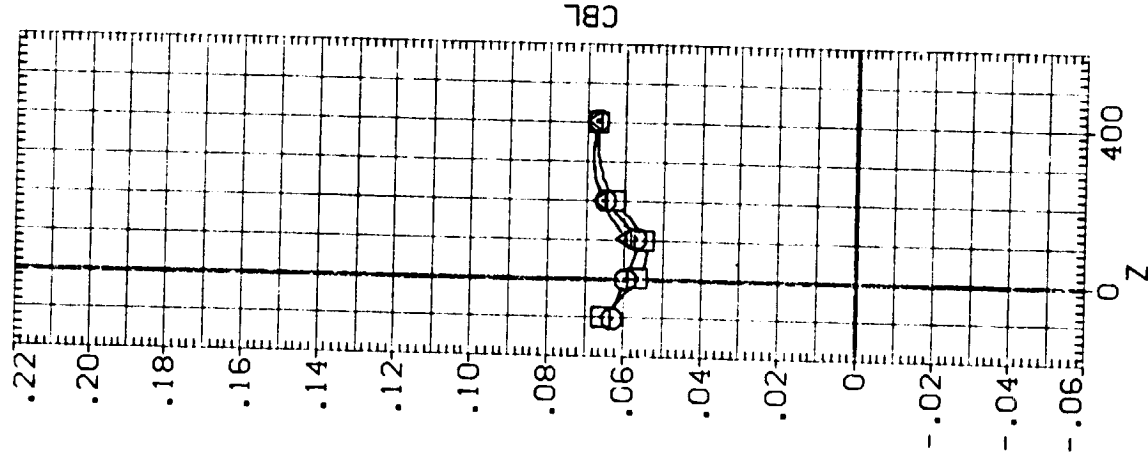
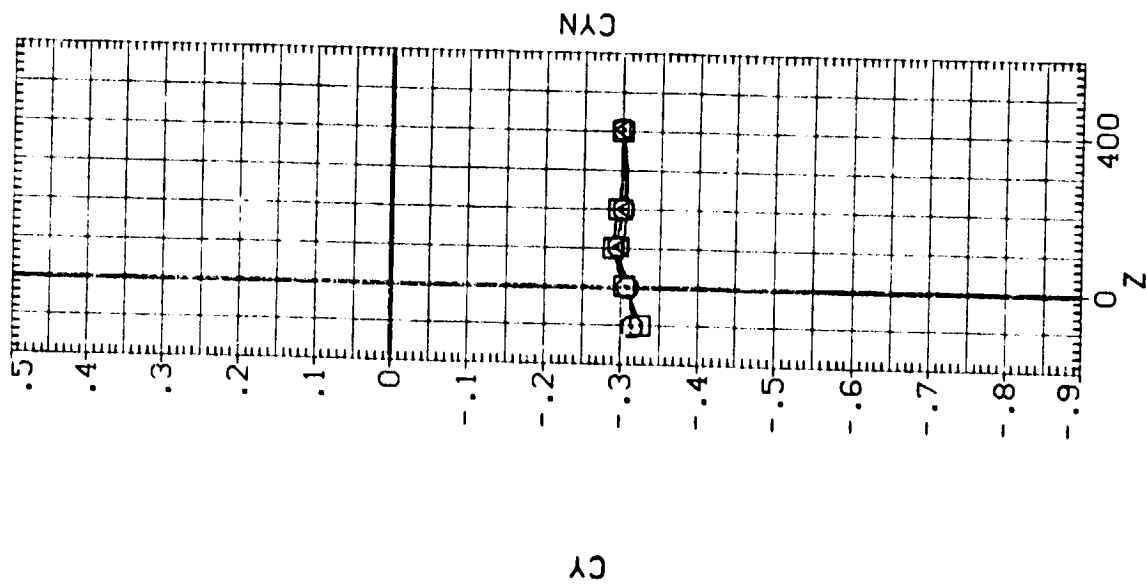


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	SRB SEPAR.	DBETA	X	MACH	REFERENCE INFORMATION
(RTUI92)	AEDC/VA528(IAB7)-01ETIS1-0RB/ET	R/H SRB SEPAR.	.000	300.000	4.520	SREF 2630.0000 SQ.FT.
(RTUI93)	AEDC/VA528(IAB7)-01ETIS1-0RB/ET	R/H SRB SEPAR.	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTUI96)	AEDC/VA528(IAB7)-01ETIS1-0RB/ET	R/H SRB SEPAR.	-4.900	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1037.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

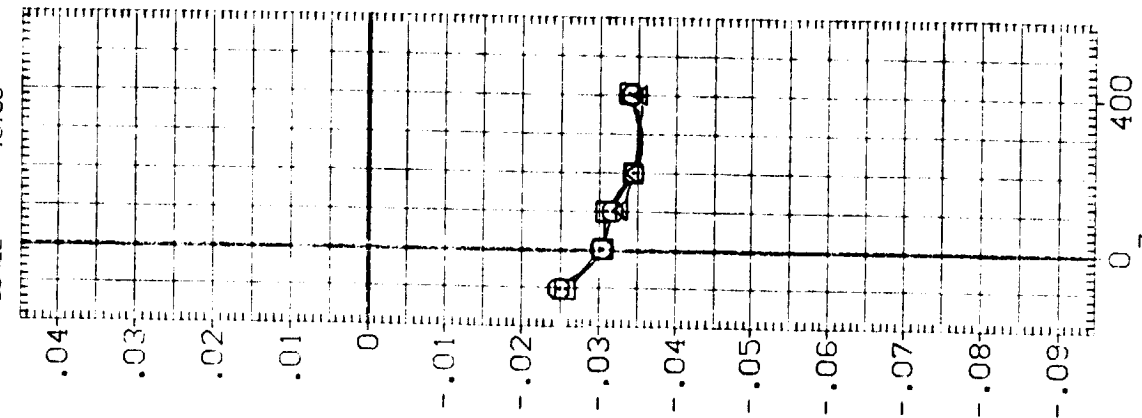
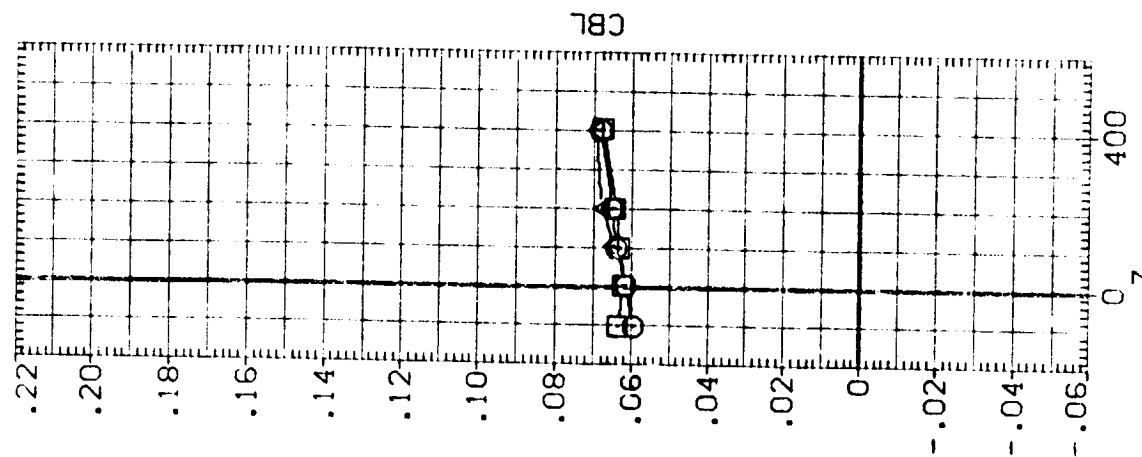
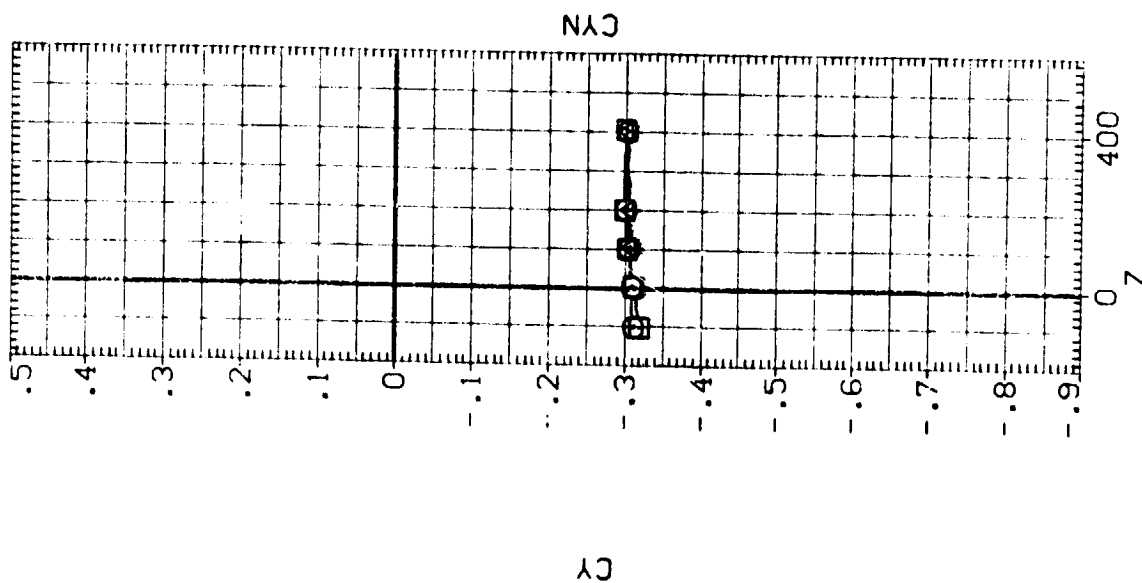


FIG.26 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)  
(B)Y =100.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU192) AEDC/VAS28(IAB7)-O1ETIS1-O1RB/ET V R/H SRB SEPAR.

(RTU193) AEDC/VAS28(IAB7)-O1ETIS1-O1RB/ET V R/H SRB SEPAR.

(RTU196) AEDC/VAS28(IAB7)-O1ETIS1-O1RB/ET V R/H SRB SEPAR.

DATA SET SYMBOL

REFERENCE INFORMATION

SREF 2590 P000 SO.FT.

IREF 1290.3000 INCHES

BREF 1290.3000 INCHES

XMRD 1097.0000 IN. XT

YMRD .0000 IN. YT

ZMRD 450.0000 IN. ZT

SCALE .0100

MACH 4.520

X 300.000

DBETA .000

DALPHA .000

5.100

-4.900

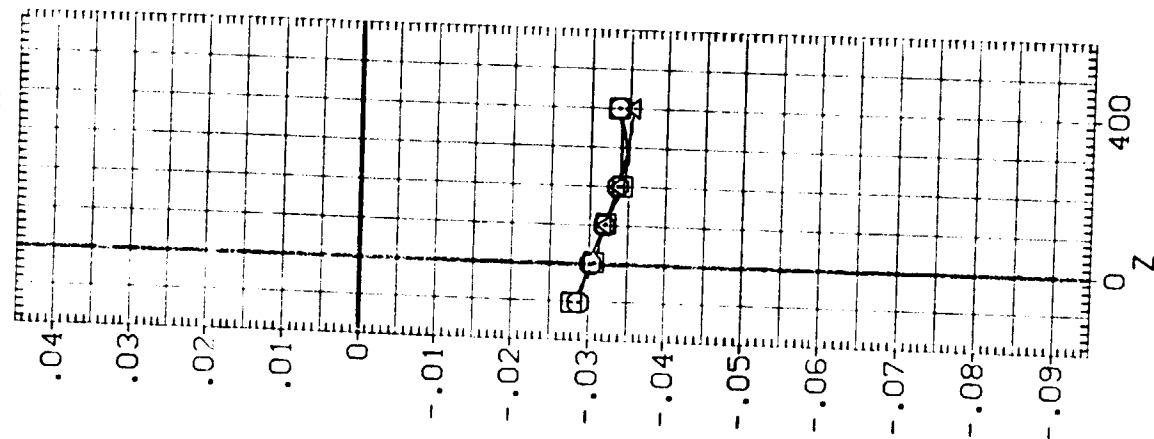
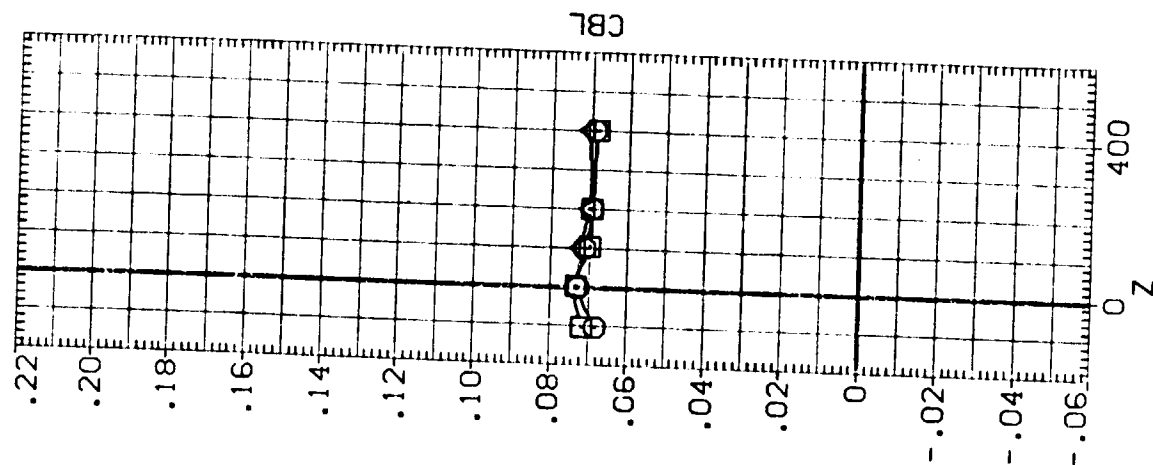
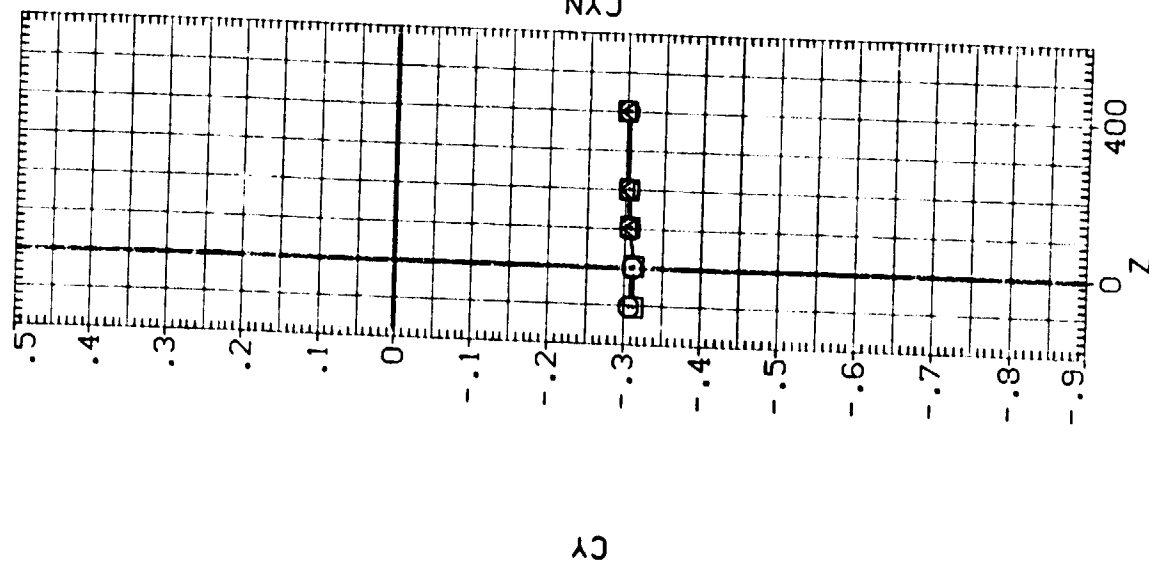


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(CY) =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTUI92)	AEDC/VA528(1A87)-01ETIS1-ORB/ET	.000	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTUI93)	AEDC/VA528(1A87)-01ETIS1-ORB/ET	.000	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTUI96)	AEDC/VA528(1A87)-01ETIS1-ORB/ET	-4.900	.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

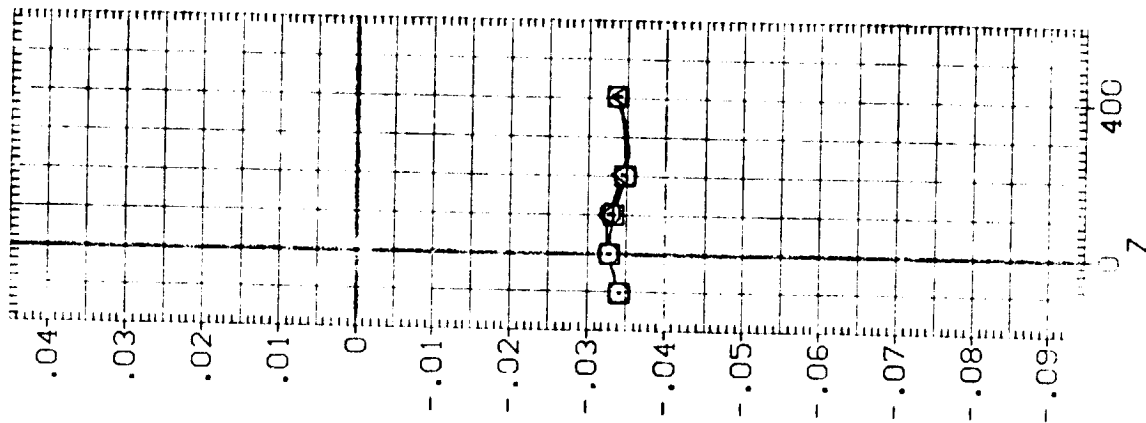
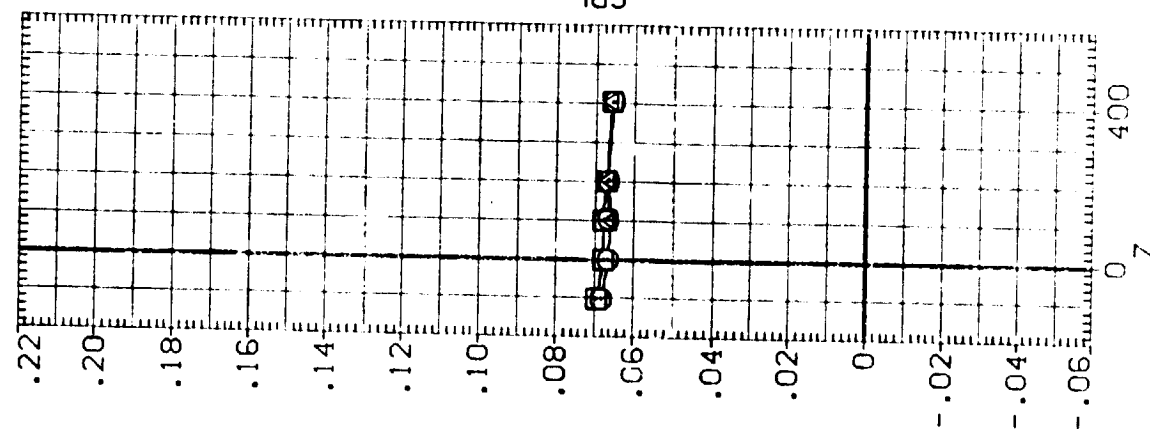
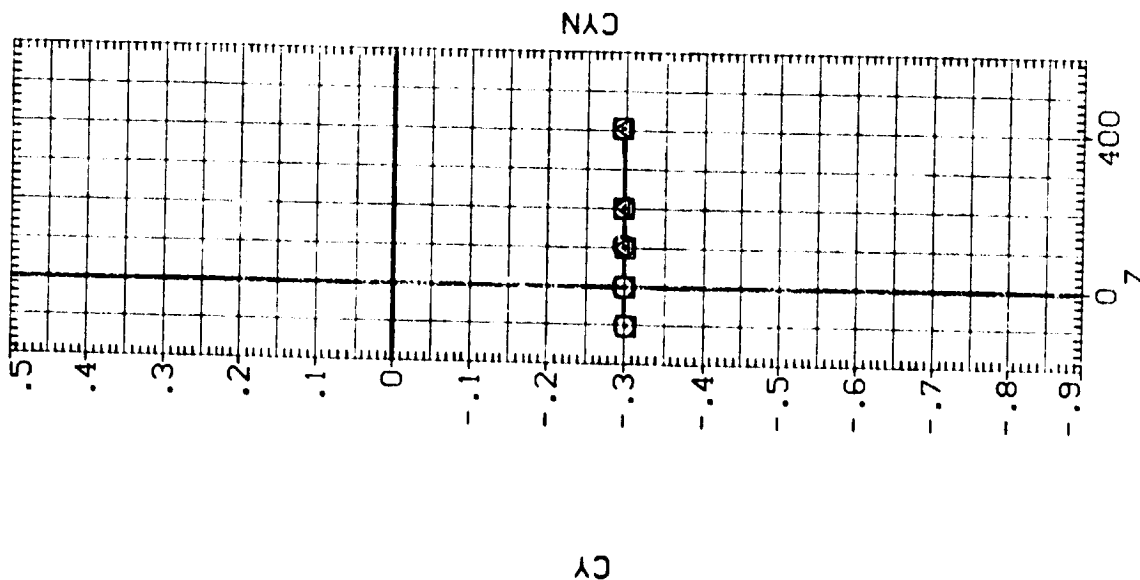


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)  
(DY) = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	MACH	DBETA	DALPHA	R/H SRB SEPAR.	R/H SRB SEPAR.	R/H SRB SEPAR.	REFERENCE INFORMATION
(RTU197)	AEDC/VA528(1A57)-01ETISI-0RB/ET	4.520	-4.100	.100	0.000	0.000	0.000	SREF 2590.0000 SQ.FT.
(RTU200)	AEDC/VA528(1A87)-01ETISI-0RB/ET	4.520	-4.100	5.100	0.000	0.000	0.000	LREF 1290.3000 INCHES
(RTU201)	AEDC/VA528(1A87)-01ETISI-0RB/ET	4.520	-4.100	-4.900	0.000	0.000	0.000	BREF 1290.3000 INCHES
								XMRP 1097.0000 IN. XT
								ZMRP 450.0000 IN. ZT
								SCALE .0100

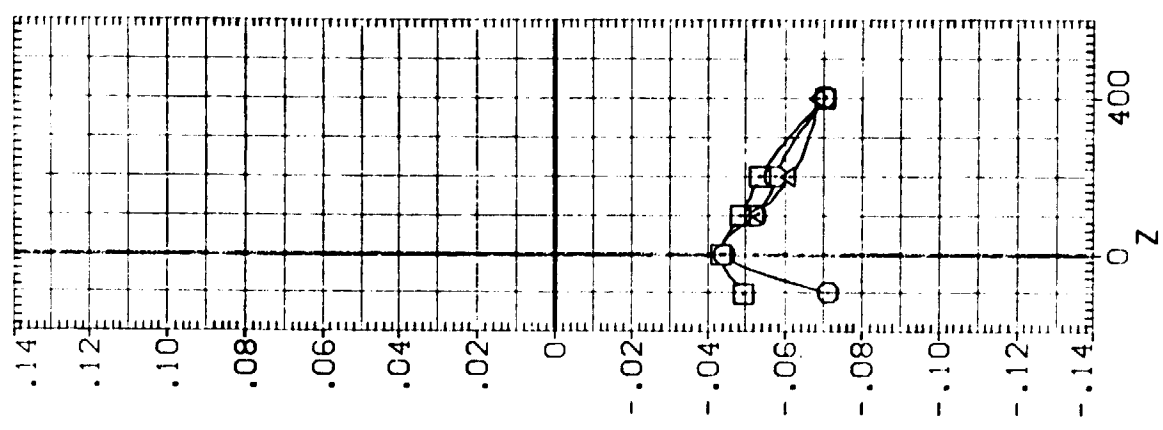
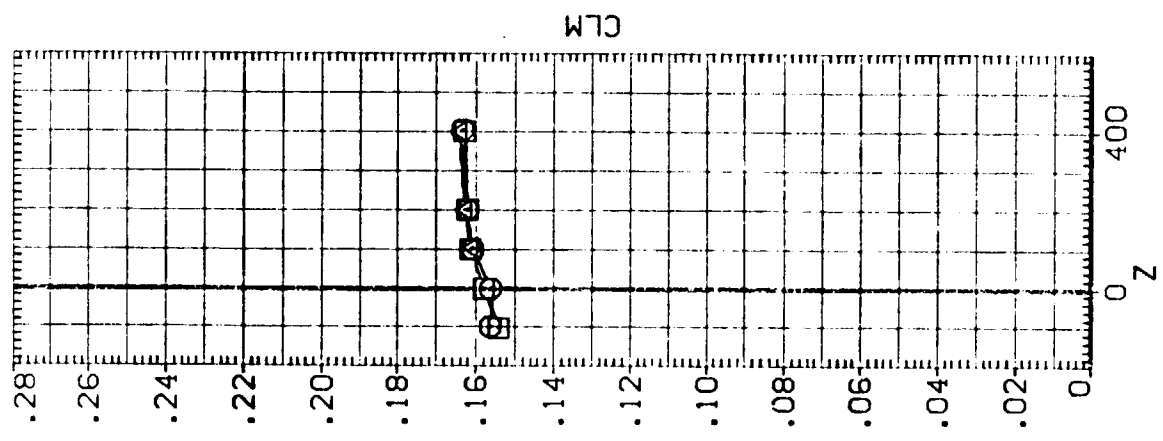
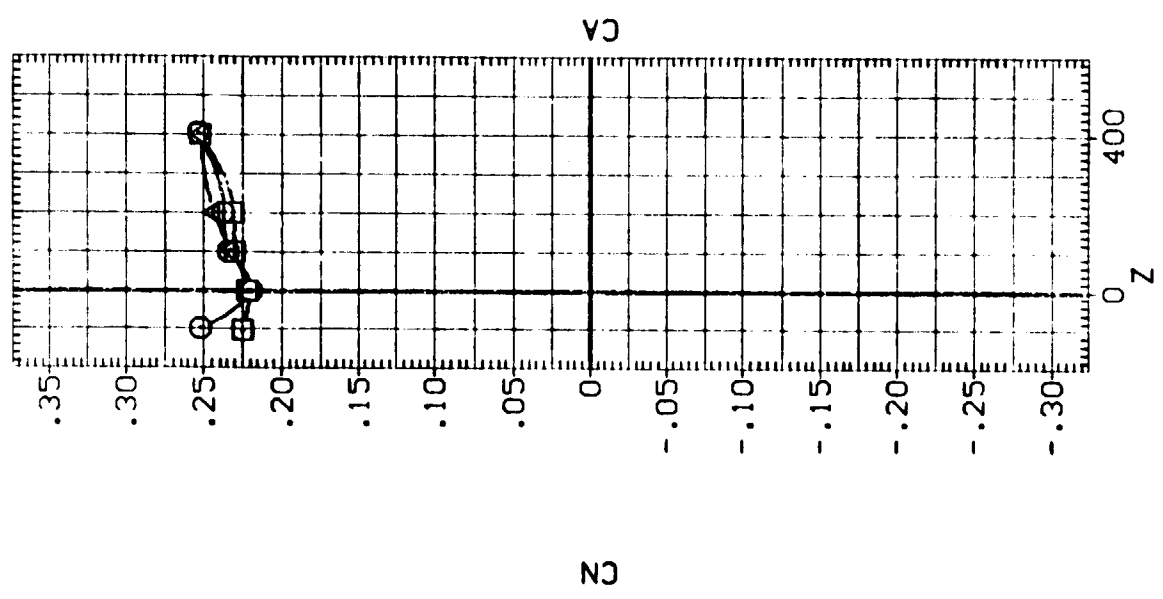


FIG.26 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(B)Y =100.00

DATA SET SYMBOL  
(RTU197)  
(RTU200)  
(RTU201)

CONFIGURATION DESCRIPTION  
AEDC/VAS281(A87)-01ETIS1-0RB/ET  
AEDC/VAS281(A87)-01ETIS1-0RB/ET  
AEDC/VAS281(A87)-01ETIS1-0RB/ET

V R/H SRB SEPAR.  
V R/H SRB SEPAR.  
V R/H SRB SEPAR.

DALPHA  
.100  
5.100  
-4.900

DBETA  
-4.100  
-4.100  
-4.100

X  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

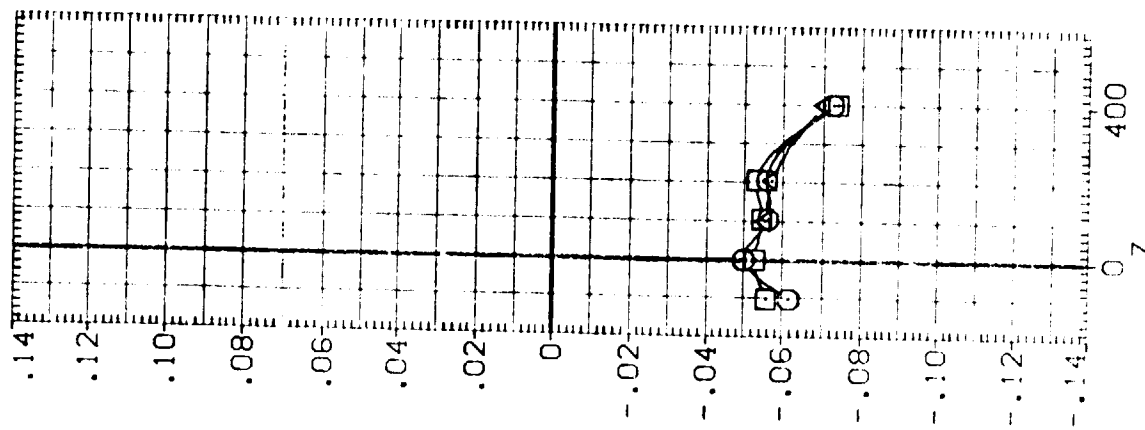
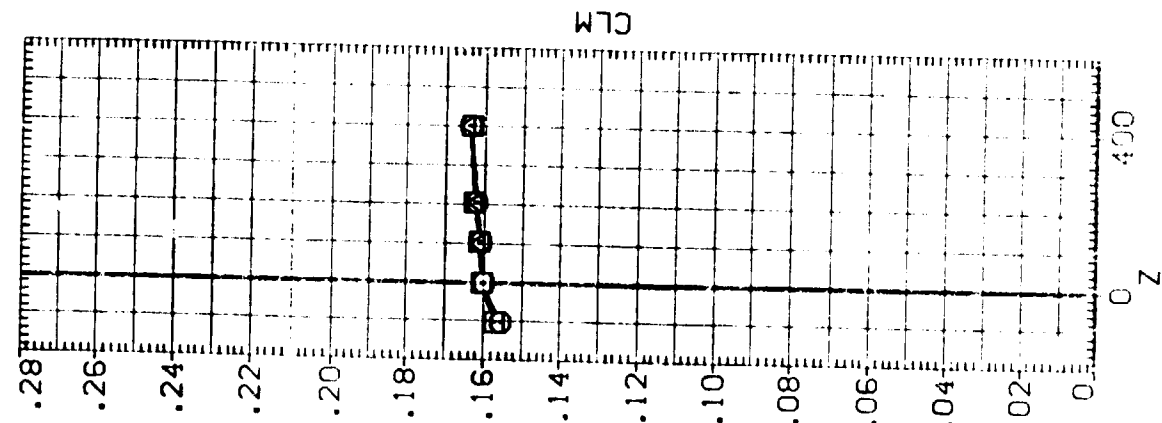
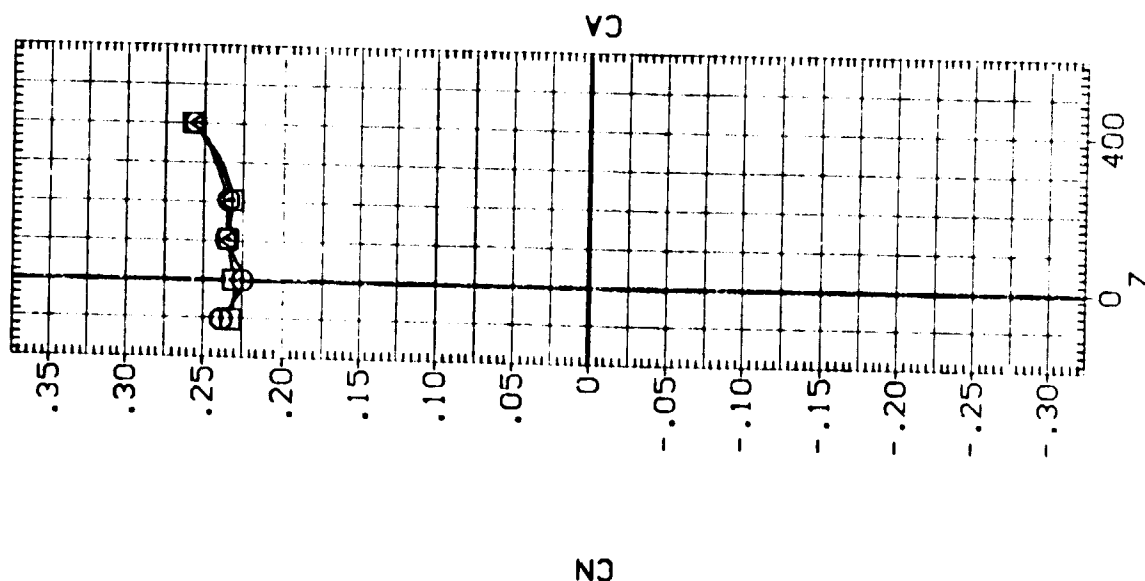


FIG.26 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(C)Y = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU197)	AEDC/VA528(1A87)-01ET:SI-OR8/ET	.100	-4.100	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU200)	AEDC/VA528(1A87)-01ET:SI-OR3/ET	5.100	-4.100	.000	4.520	LREF 1290.3000 INCHES
(RTU201)	AEDC/VA528(1A87)-01ET:SI-OR3/ET	-4.900	-4.100	.000	4.520	BREF 290.3000 INCHES
						XMRP 1597.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZY
						SCALE .0100

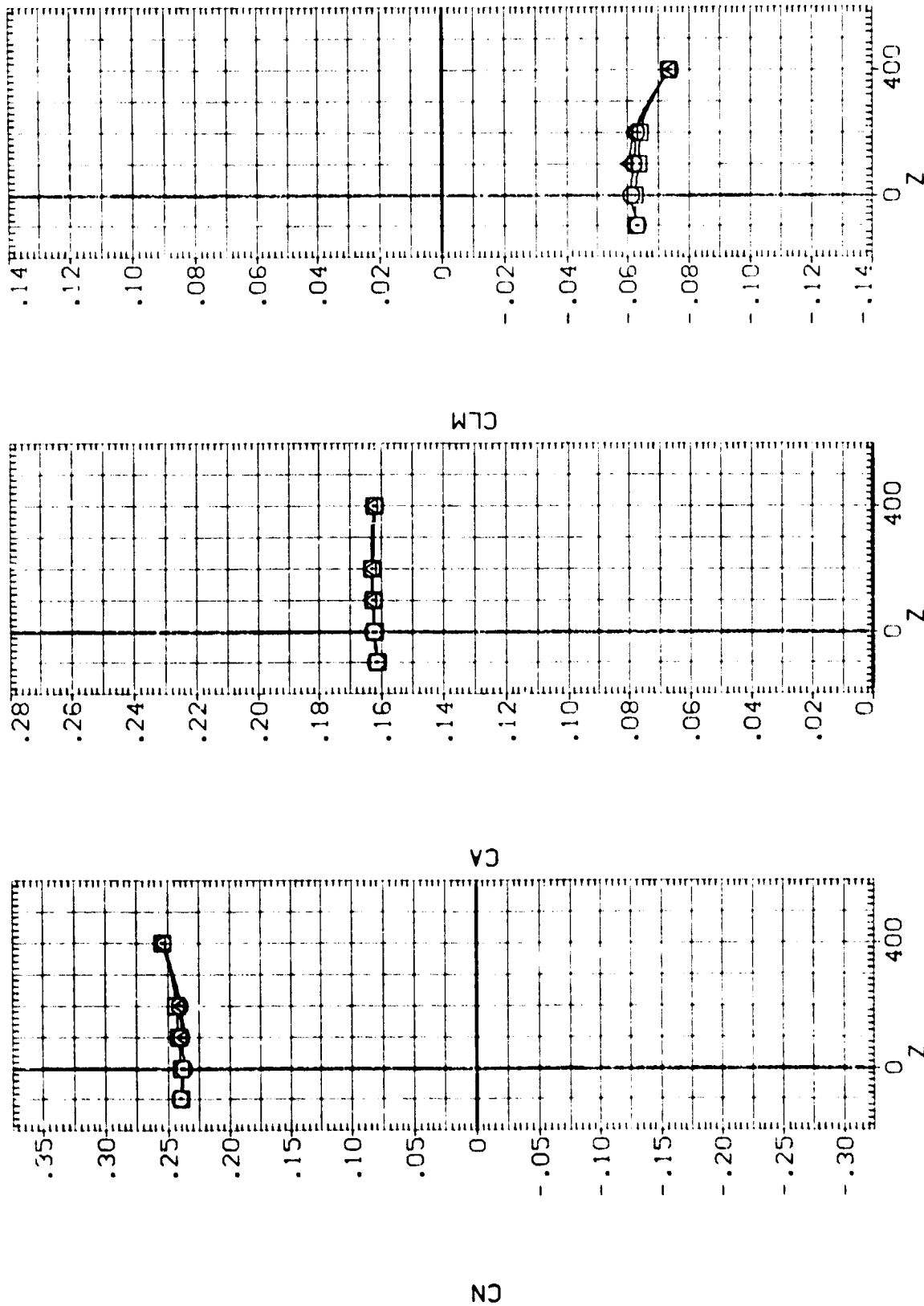


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(D)Y =400.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU197)	AECD/VAS28(IAB7)-01ETISI-0RB/ET	V R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU200)	AECD/VAS28(IAB7)-01ETISI-0RB/ET	V R/H SRB SEPAR.	.100	-4.100	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU201)	AECD/VAS28(IAB7)-01ETISI-0RB/ET	V R/H SRB SEPAR.	5.100	-4.100	.000	4.520	LREF 1290.3000 INCHES
			-4.900		.000	4.520	BREF 1290.3000 INCHES
							XMRP 1097.0000 IN. XT
							YMRP .0000 IN. YT
							ZMRP .0000 IN. ZT
							SCALE 450.0000
							.0100

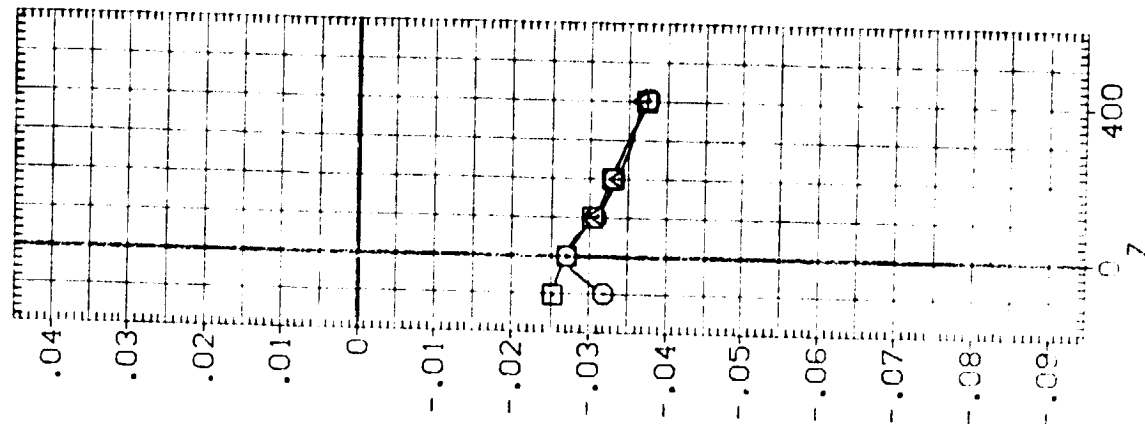
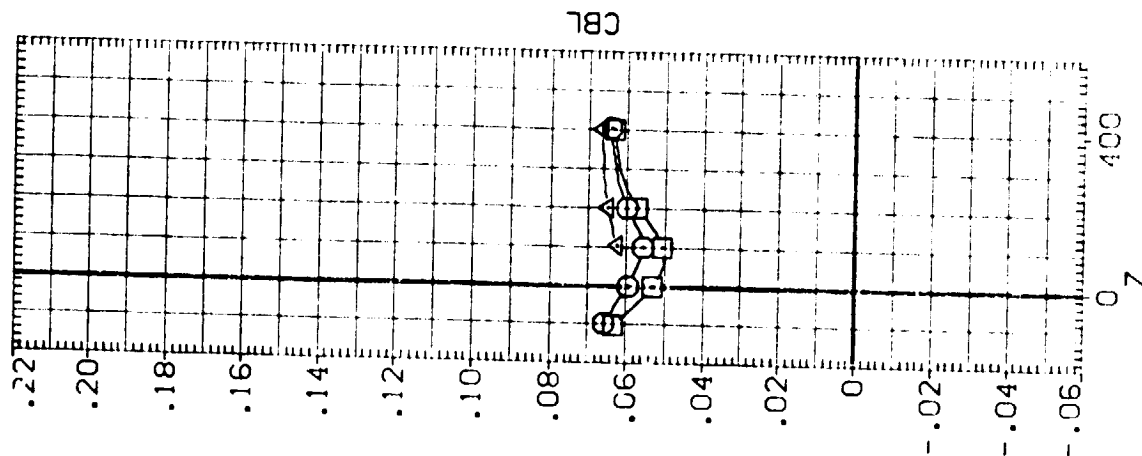
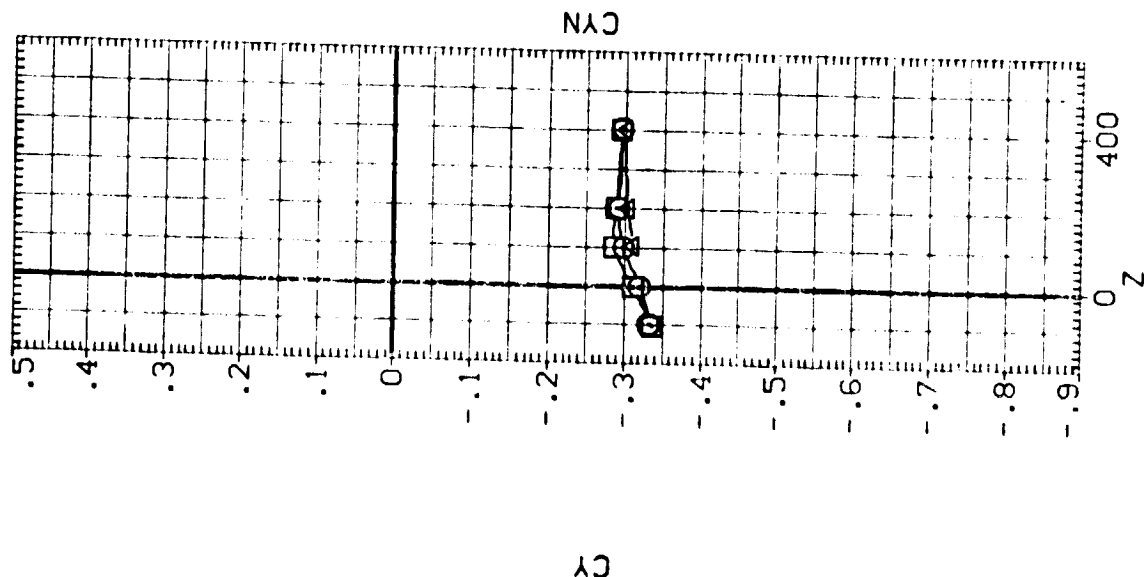


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(B)Y =100.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU197) AEDC/VA528(1A87)-Q1ET1S1-OR8/ET V R/H SRB SEPAR. .000  
 (RTU200) AEDC/VA528(1A87)-Q1ET1S1-OR8/ET V R/H SRB SEPAR. .000  
 (RTU201) AEDC/VA528(1A87)-Q1ET1S1-OR8/ET V R/H SRB SEPAR. .000

DALPHA DBETA X

.100 -4.100  
 5.100 -4.100  
 -4.900 -4.100

MACH

4.520  
 4.520  
 4.520

## REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP .097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP .450.0000 IN. ZT  
 SCALE .0100

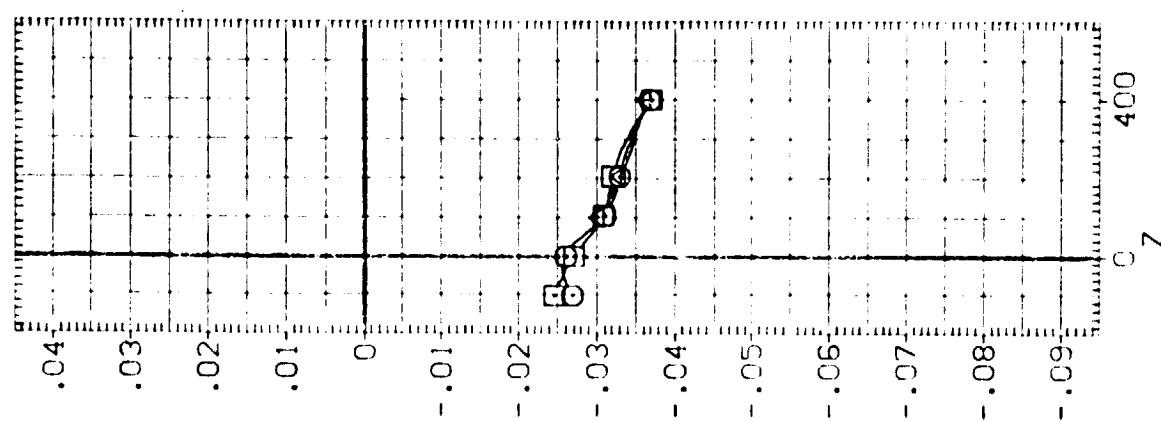
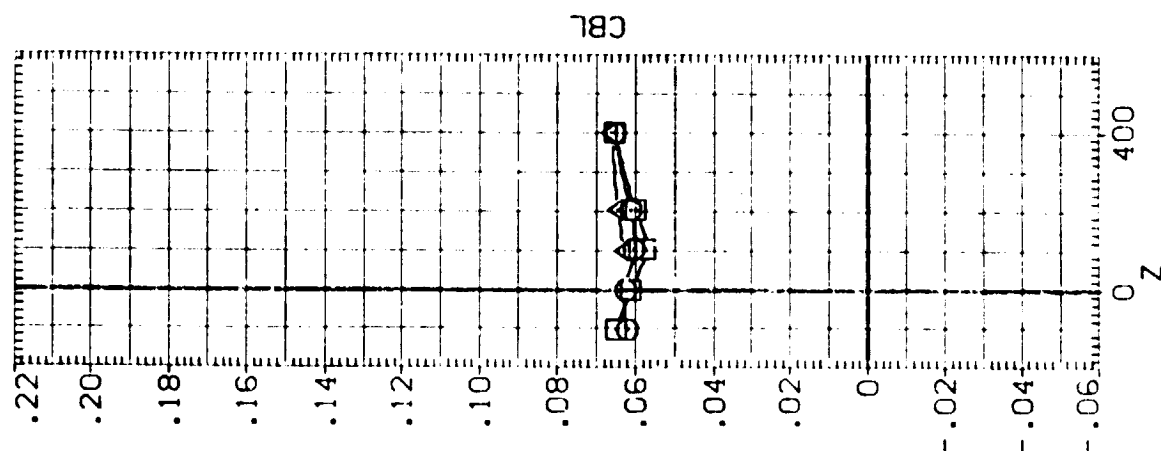
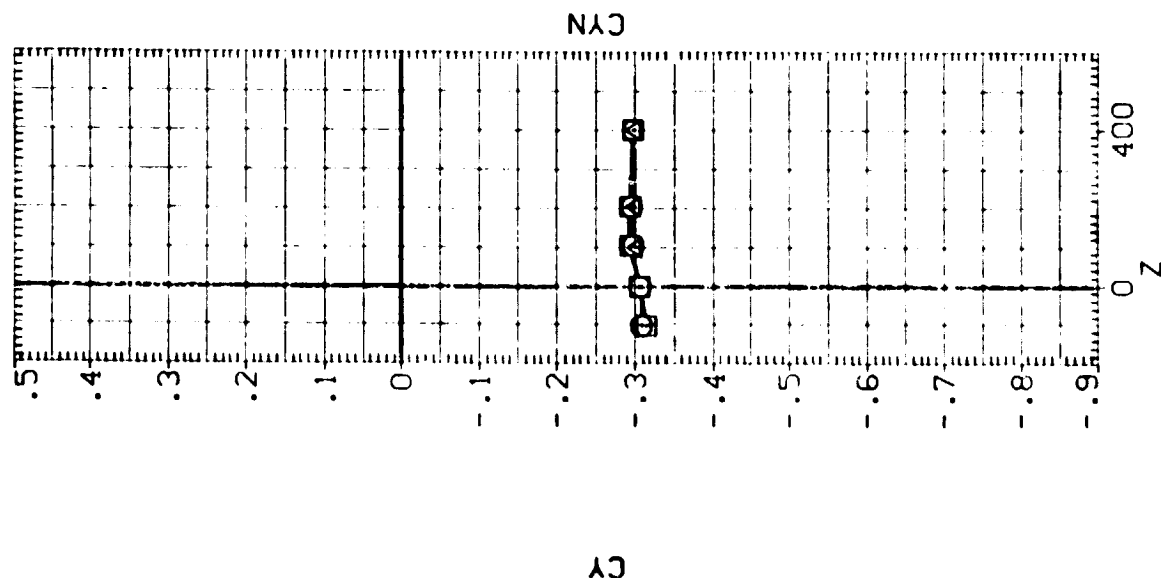


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(C)Y =200.00



# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU198)	AEDC/VAS28(1A87)-01ETISI-OR8/ET	R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU199)	AEDC/VAS28(1A87)-01ETISI-OR8/ET	R/H SRB SEPAR.	1.00	-4.100	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU202)	AEDC/VAS28(1A87)-01ETISI-OR8/ET	R/H SRB SEPAR.	5.100	-4.100	300.000	4.520	REF 1290.3000 INCHES
			-4.900	-4.100	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1097.0000 IN. XT
							YMRP .0000 IN. YT
							ZMRP 450.0000 IN. ZT
							SCALE .0100

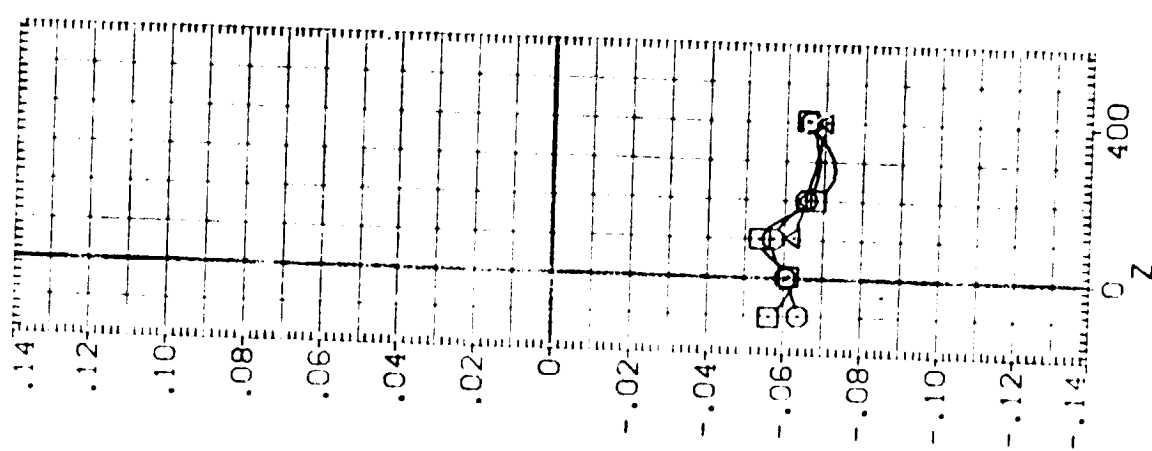
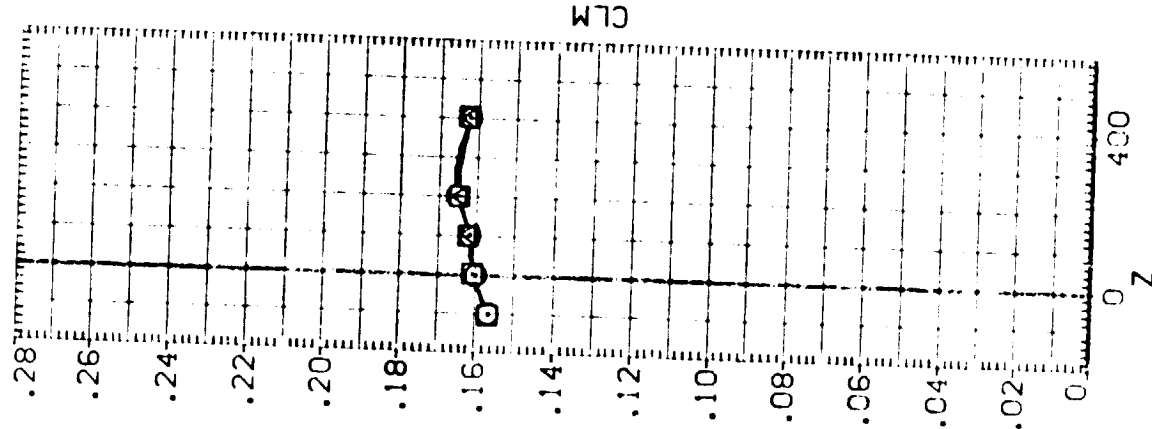
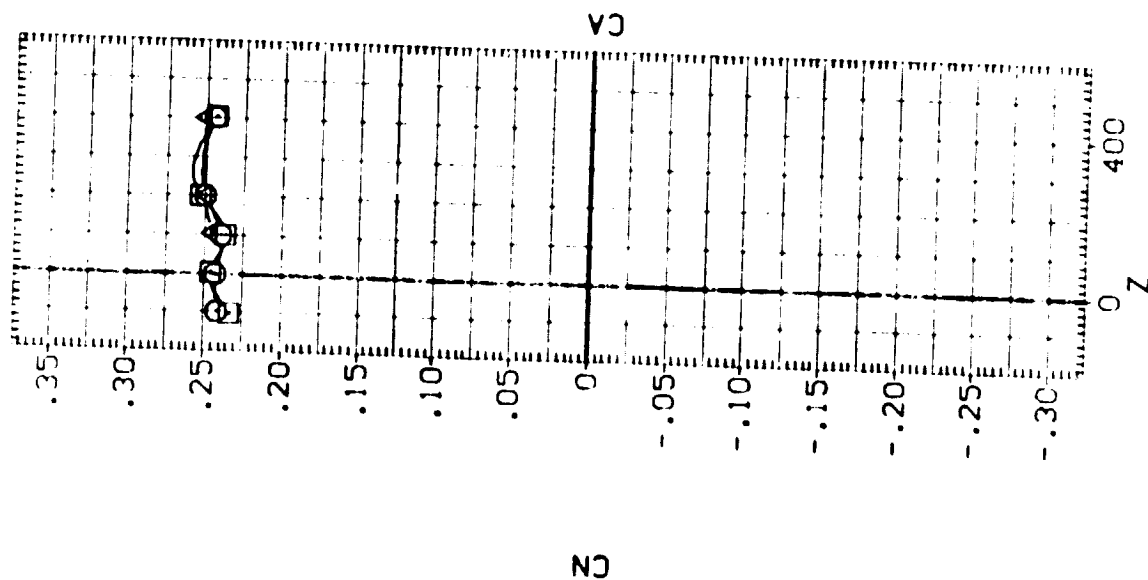


FIG.26 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(B)V =100.00







DATA SET SYMBOL  
(RTU156)  
(RTU159)  
(RTU202)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET  
AEDC/VAS28(1A87)-01ET1S1-0RB/ET

DALPHA  
.100  
5.100  
-4.900

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000  
LREF 1290.3000  
BREF 1290.3000  
AREF 1097.0000  
VREF .0000  
ZREF 450.0000  
SCALE .0100

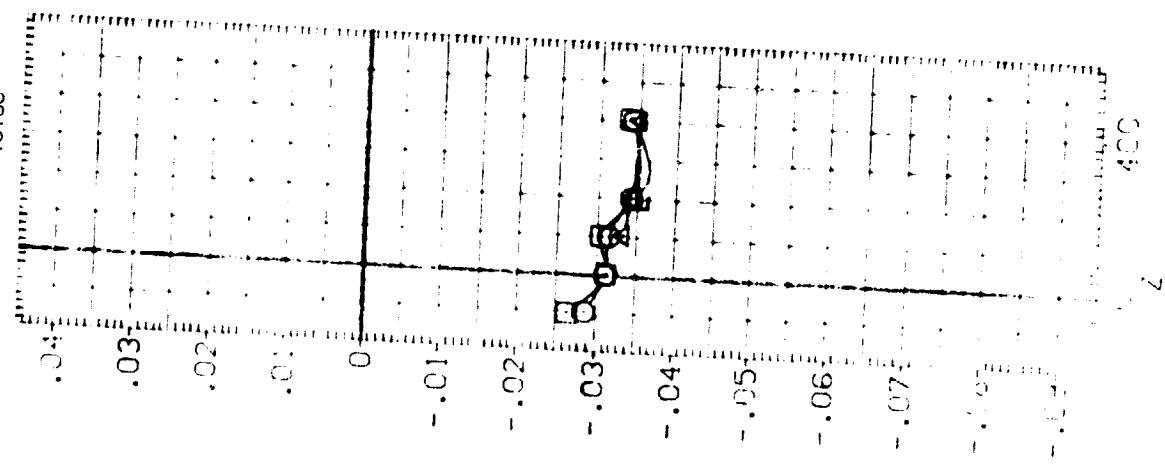
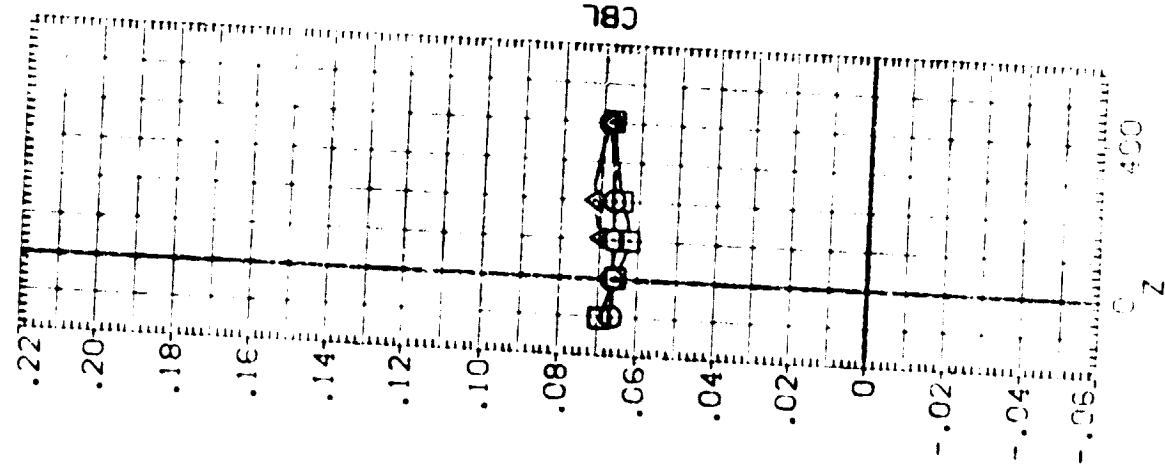
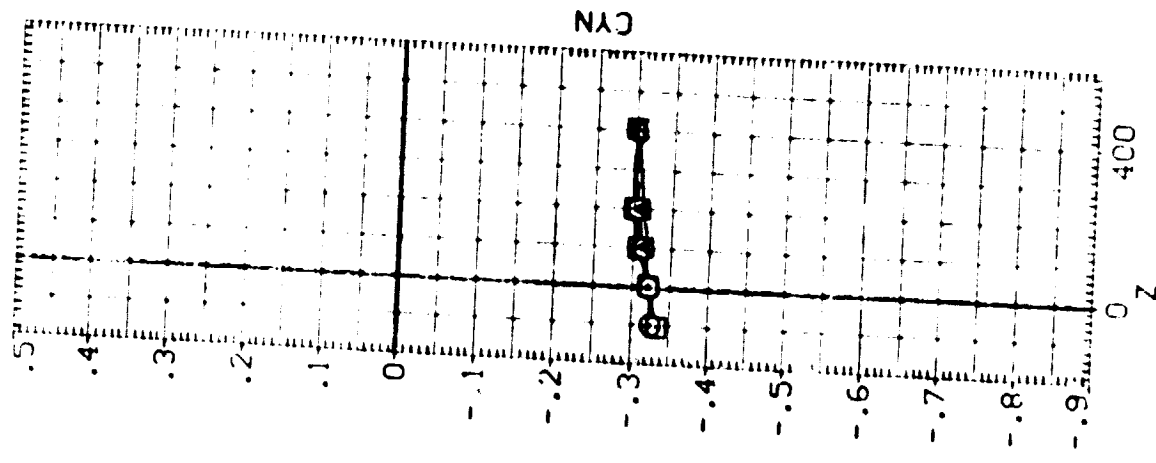


FIG.26 O/ET AERO CHARACTERISTICS W/RIGHT SRB SEPARATING FROM MAIN SRB  
(3) V = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU198)	AEDC/VA528(1A87)-O1ET1S1-ORB/ET	.100	-4.100	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU199)	AEDC/VA528(1A87)-O1ET1S1-ORB/ET	.100	-4.100	300.000	4.520	LREF 1290.3000 INCHES
(RTU202)	AEDC/VA528(1A87)-O1ET1S1-ORB/ET	-4.900	-4.100	300.000	4.520	BREF 1290.3000 INCHES
						XMR3 1097.0000 IN. XT
						YMR3 450.0000 IN. YT
						ZMR3 450.0000 IN. ZT
						SCALE .0100

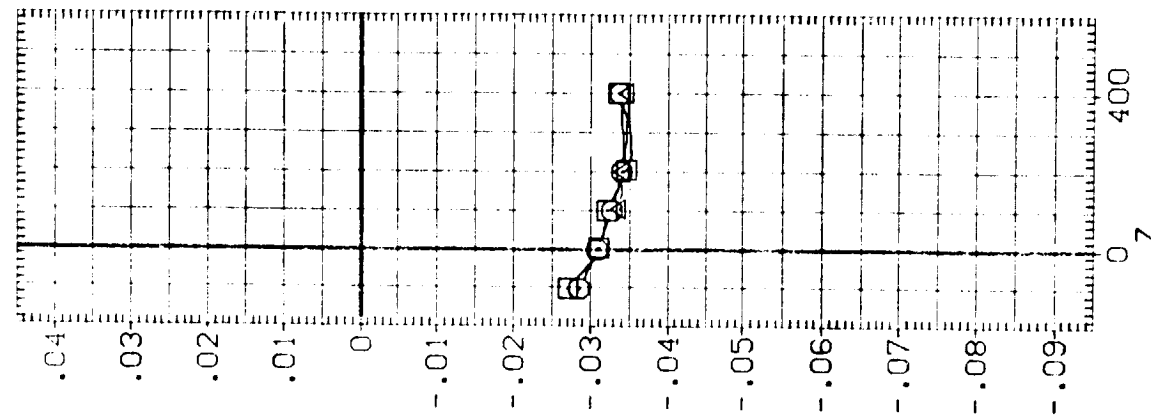
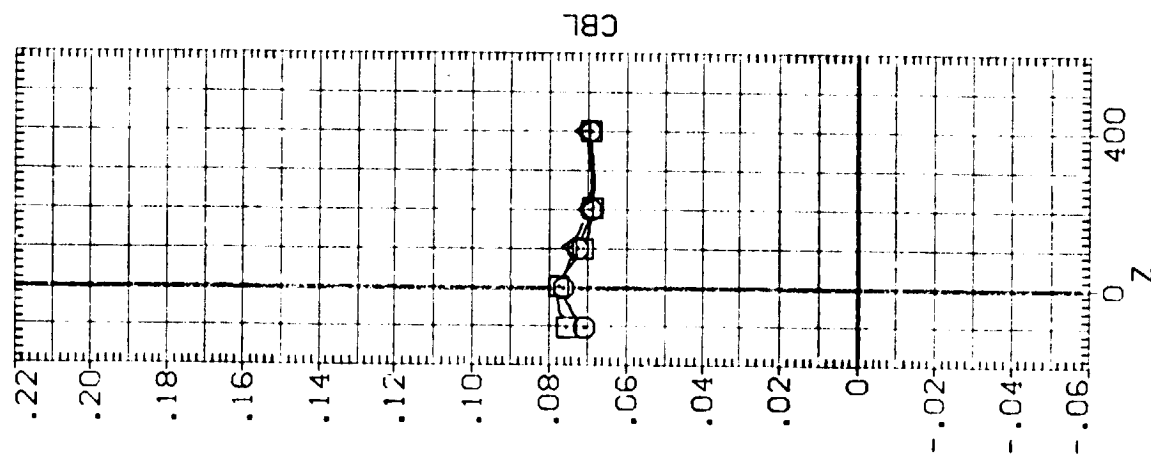
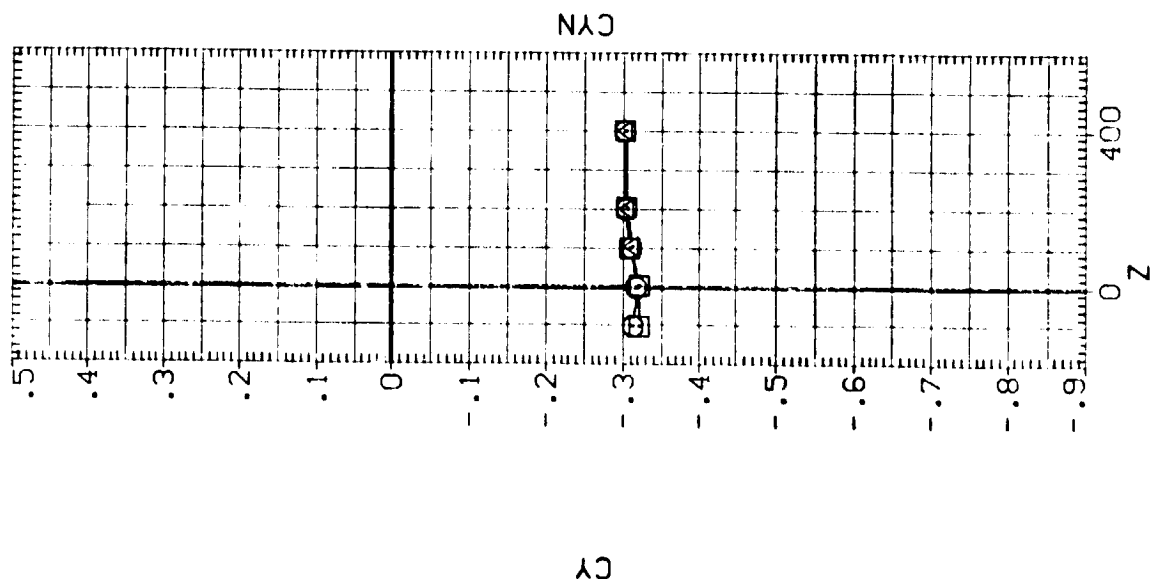


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU198)	AEDC/VAS28(1A87)-01ET1S1-GRB/ET V	.100	-4.100	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU199)	AEDC/VAS28(1A87)-01ET1S1-GRB/ET V	.100	-4.100	300.000	4.520	LREF 1290.3000 INCHES
(RTU202)	AEDC/VAS28(1A87)-01ET1S1-GRB/ET V	-4.900	-4.100	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

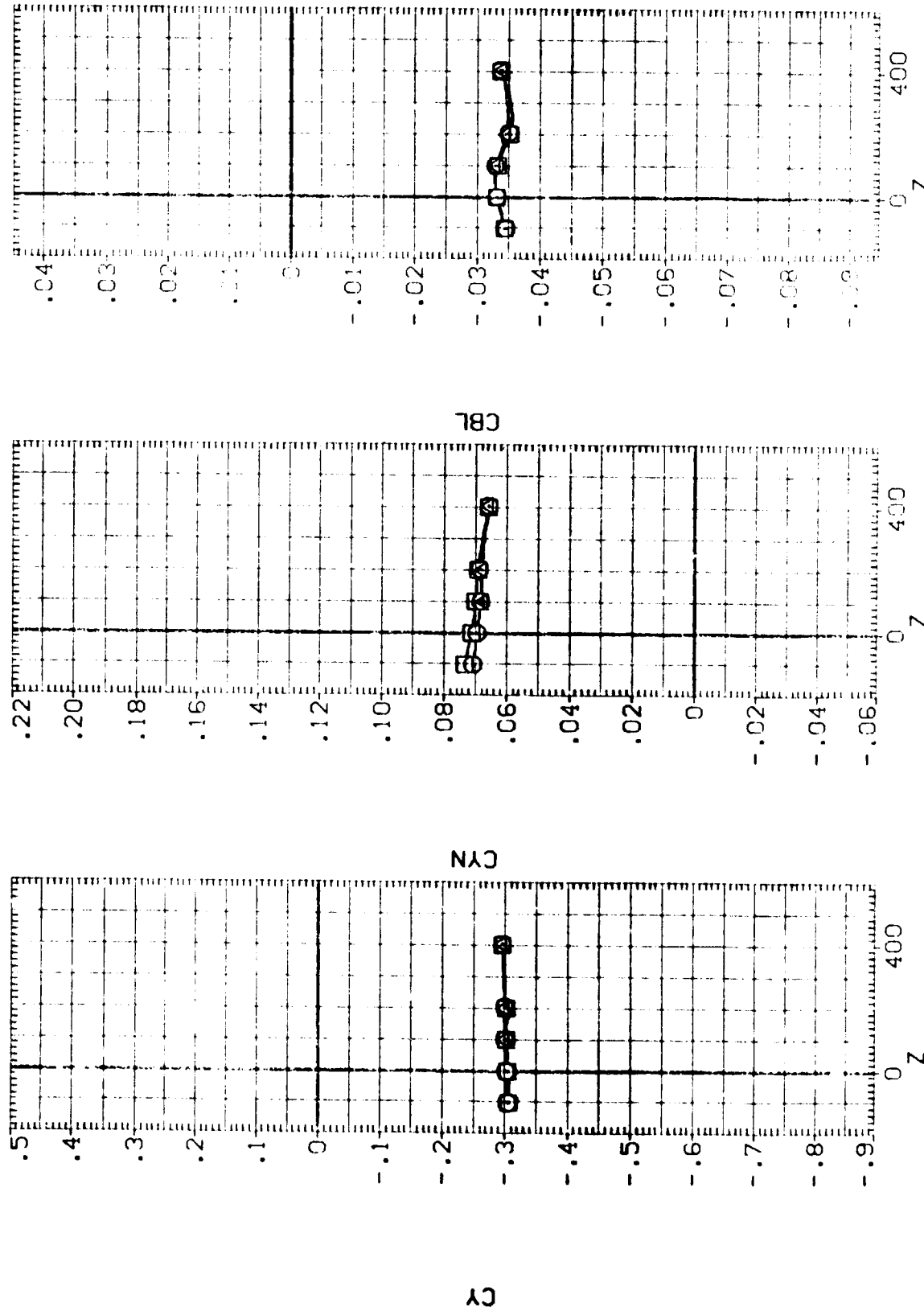


FIG.26 C/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=10.2 DEGREE=11.0)

(D)Y =400.00

72

DATA SET SYMBOL: CONFIGURATION DESCRIPTION

(RTU203) AEDC/AE28(A30) - 08B/ET - 08B/ET

(RTU206) AEDC/AE28(A30) - 08B/ET - 08B/ET

(RTU207) AEDC/AE28(A30) - 08B/ET - 08B/ET

REFERENCE INFORMATION

SREF 2890.0000 SQ. FT.

REF 290.3000 INCHES

BASE 290.3000 INCHES

WSP 1097.0000 IN. X

YSP 1097.0000 IN. Y

ZSP 450.0000 IN. Z

SCALE .0100

MACH 4.520

4.520

4.520

4.520

X .000

.000

.000

DBETA -8.100

-8.100

-8.100

CLPWA 5.100

5.100

5.100

SRB SEPAR. R/H SRB SEPAR. V R/H SRB SEPAR. V R/H SRB SEPAR. V

SRB SEPAR. R/H SRB SEPAR. V R/H SRB SEPAR. V R/H SRB SEPAR. V

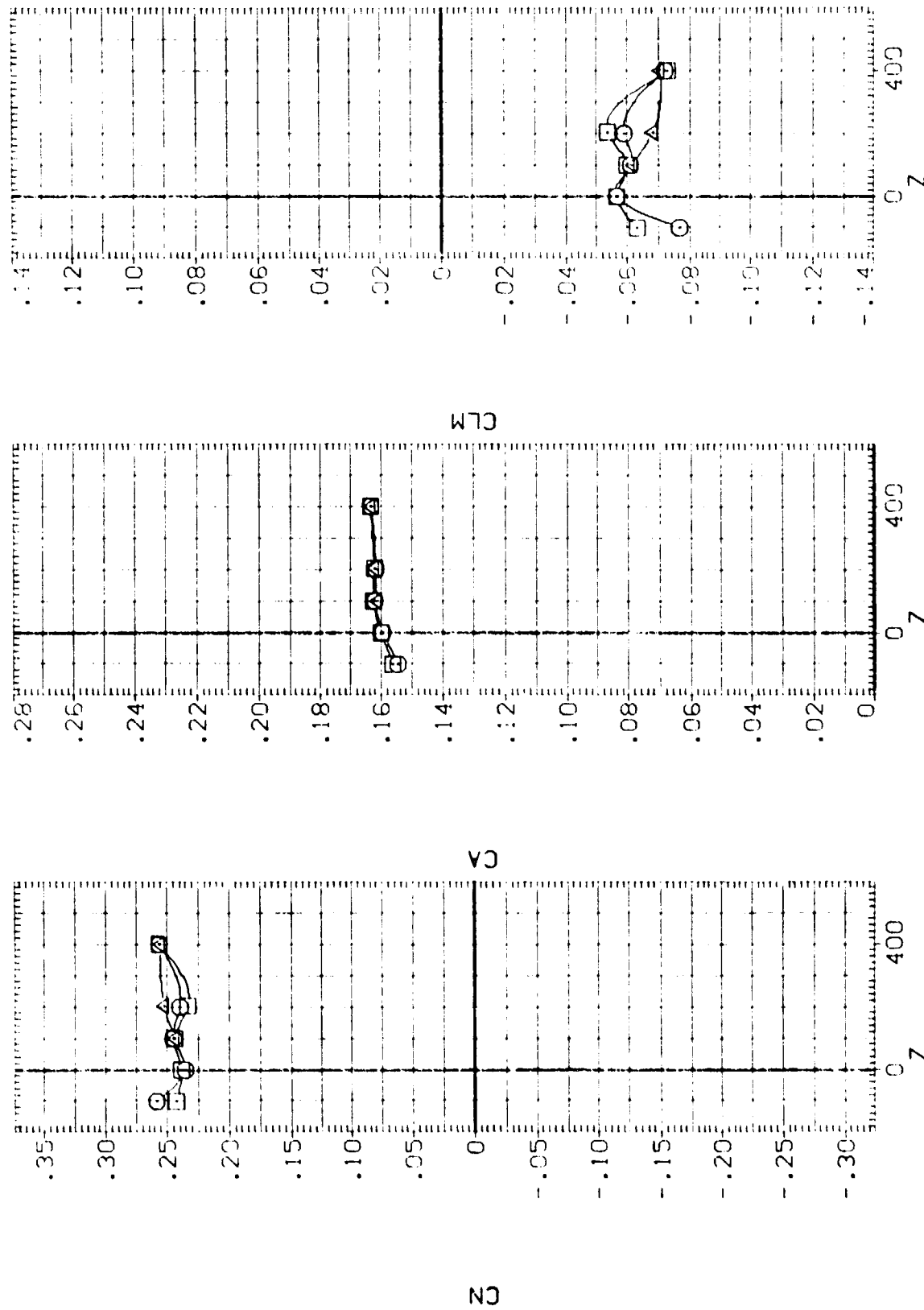


FIG.26 3/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(C)Y =200.00

DATA SET SYMBOL  
(RTU203)  
(RTU206)  
(RTU207)

CONFIGURATION DESCRIPTION  
AEDC/VAS281 (A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS281 (A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS281 (A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

DALPHA DBETA  
.100 -8.100  
5.100 -8.100  
-4.900

X .000  
.000  
.000

MAJ 4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2630.0000 50. FT.  
LREF 290.3000 INCHES  
BREF 290.3000 INCHES  
XMRP .0000 IN. YI  
YMRP .0000 IN. VI  
ZMRP 450.0000 IN. ZI  
SCALE .0100

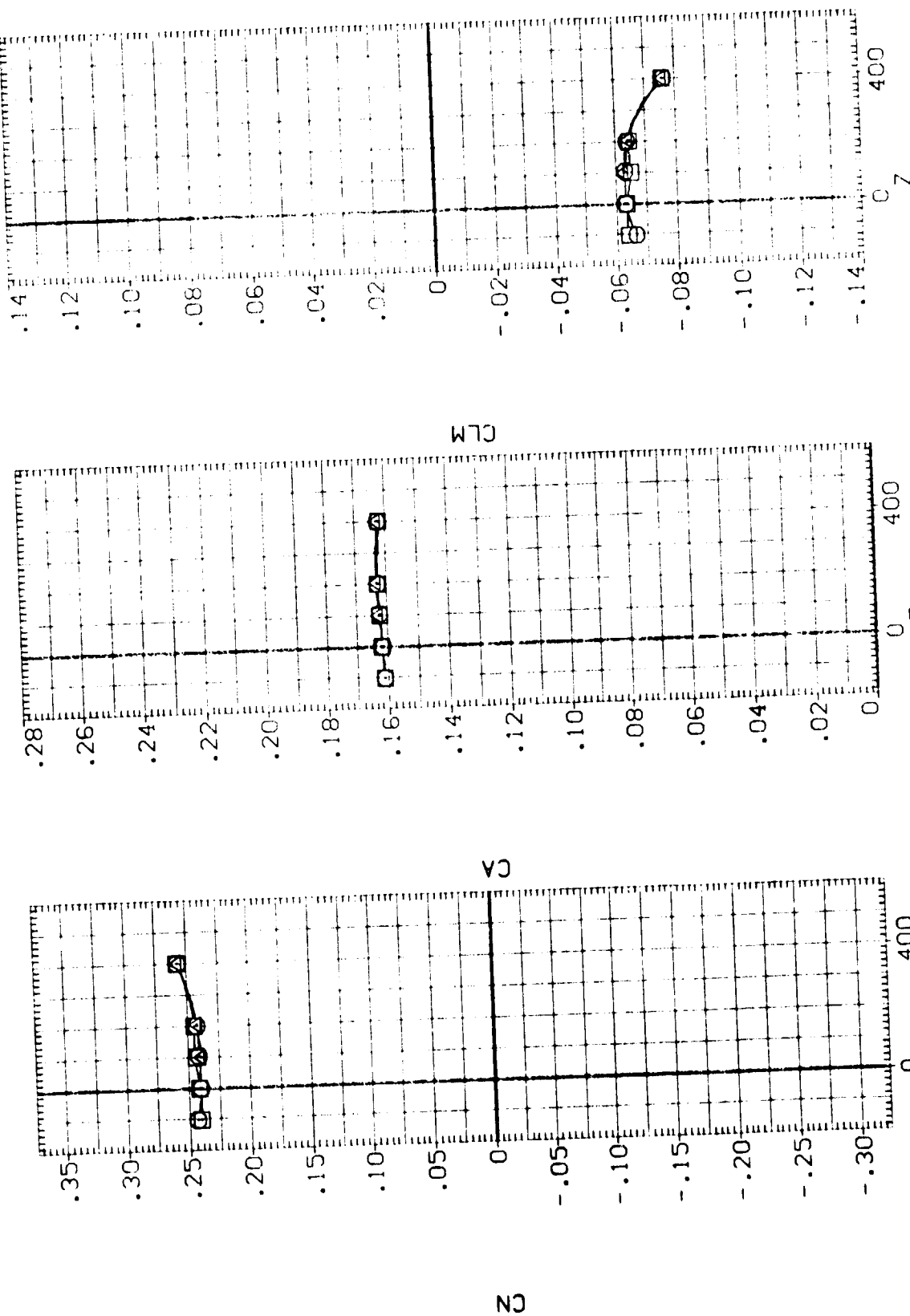


FIG.26 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU203)	AEDC/VA528(1A87)-01ET1S1-0RB/ET	.100	-8.100	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU206)	AEDC/VA528(1A87)-01ET1S1-0RB/ET	5.100	-8.100	.000	4.520	LREF 1290.3000 INCHES
(RTU207)	AEDC/VA528(1A87)-01ET1S1-0RB/ET	-4.900	-8.100	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

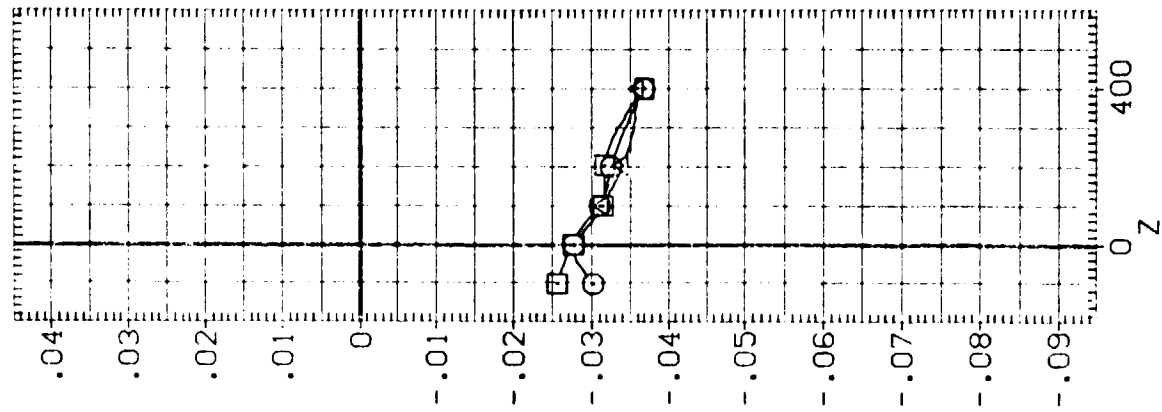
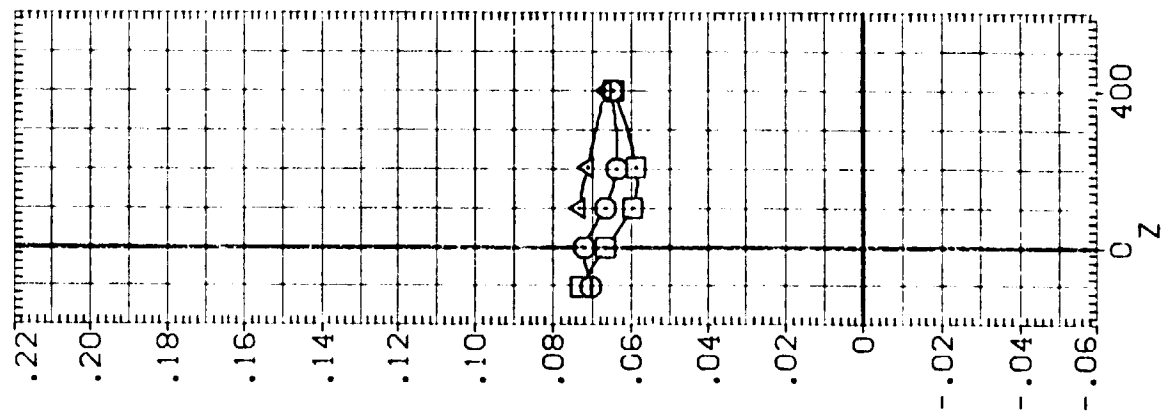
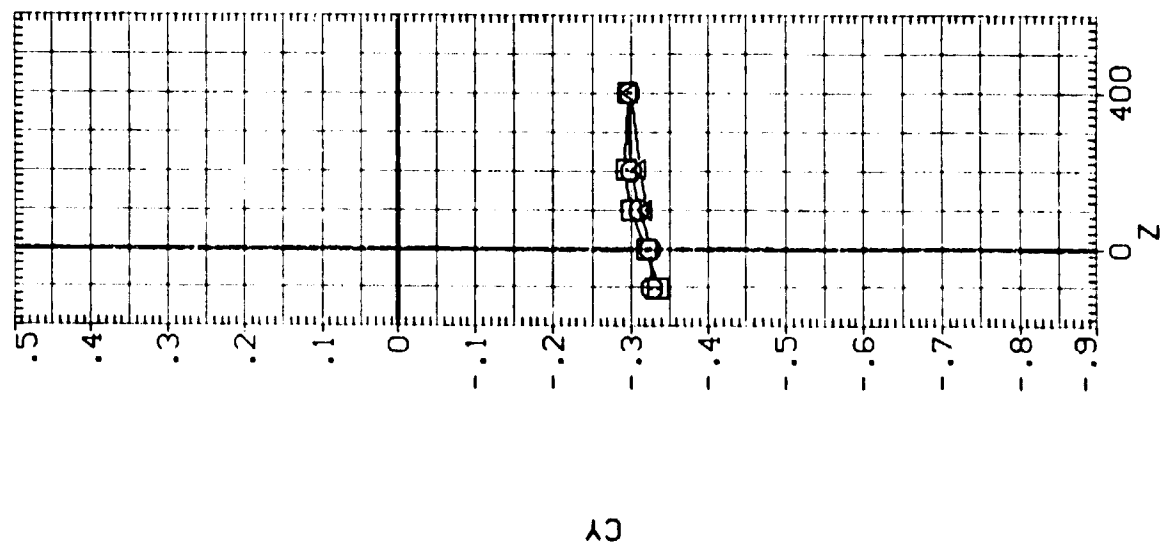


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(CY) =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU203)	AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.100	-8.100	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU206)	AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	5.100	-8.100	.000	4.520	LREF 1290.3000 INCHES
(RTU207)	AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	-4.900	-8.100	.000	4.520	RREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

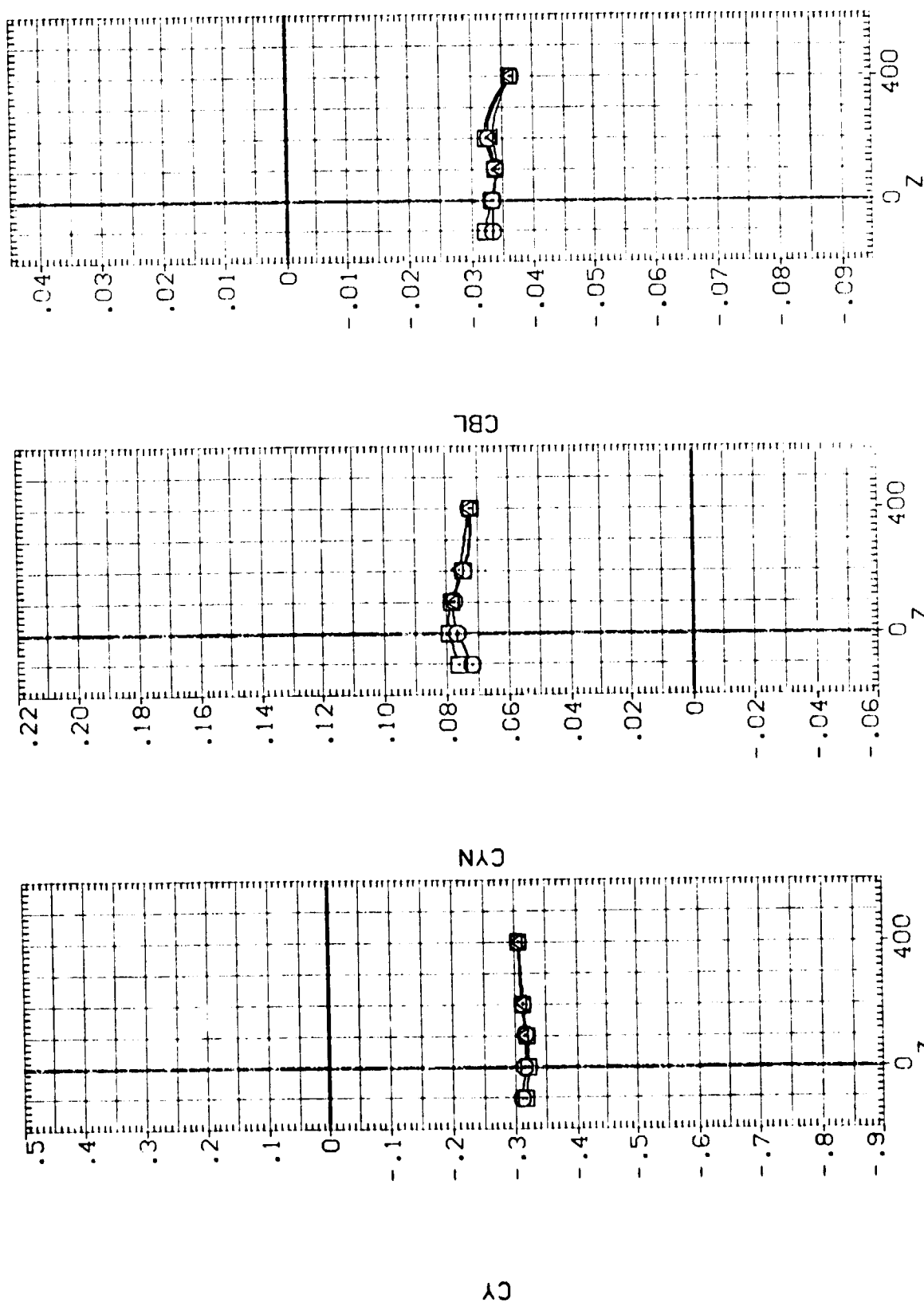


FIG.26 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(D)Y =400.00



DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(RTU204)    AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU205)    AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU206)    AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(RTU204)    AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU205)    AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU206)    AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

DATA SET SYMBOL    CONFIGURATION DESCRIPTION

(RTU204)    AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU205)    AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

(RTU206)    AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

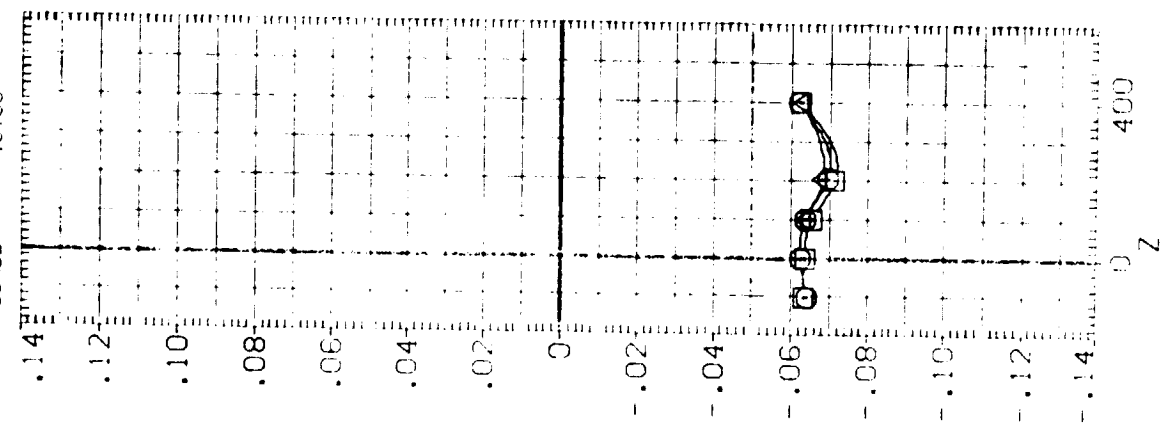
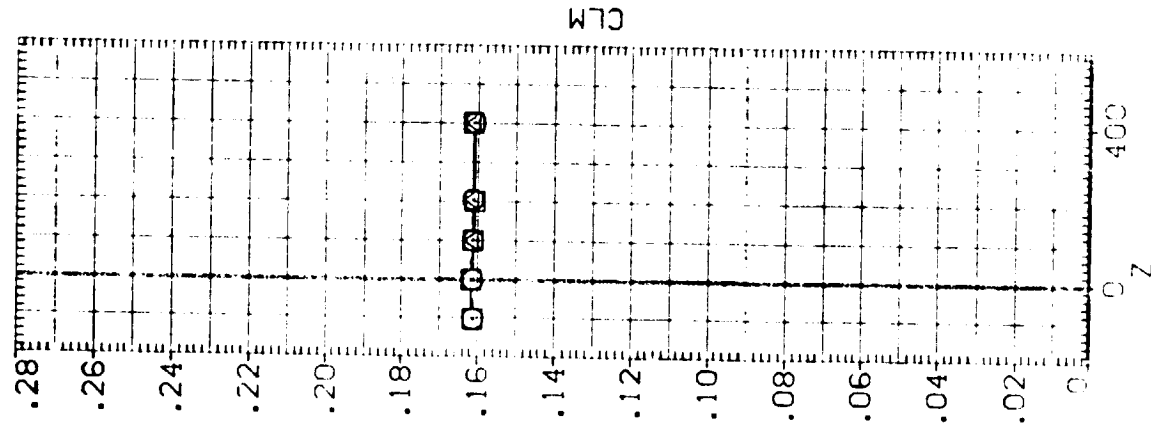
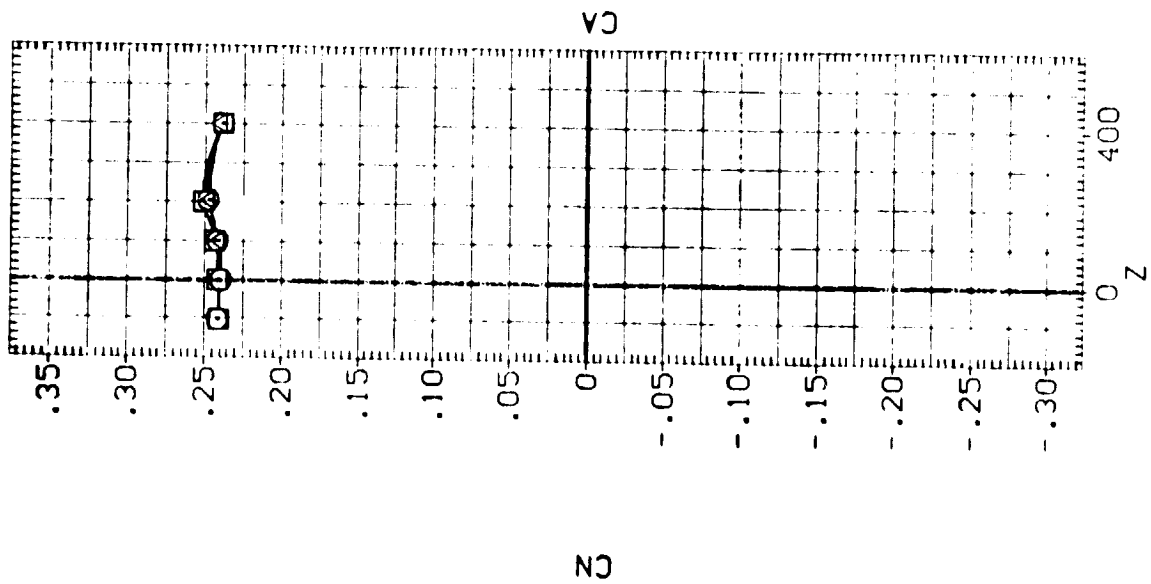


FIG.26 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

(O) Y = 400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU204)	AEDC/VAS28((AB7))-31ET1S1-CRB/ET V	.100	-8.100	300.000	4.520	SREF 2650.0000 SQ.FT.
(RTU205)	AEDC/VAS28((AB7))-31ET1S1-CRB/ET V	5.100	-8.100	300.000	4.520	LREF 1290.3000 INCHES
(RTU208)	AEDC/VAS28((AB7))-31ET1S1-CRB/ET V	-4.900	-8.100	300.000	4.520	BREF 1290.3000 INCHES
						YMRP .097.0000 IN. XT
						ZMRP .450.0000 IN. ZT
						SCALE .0100

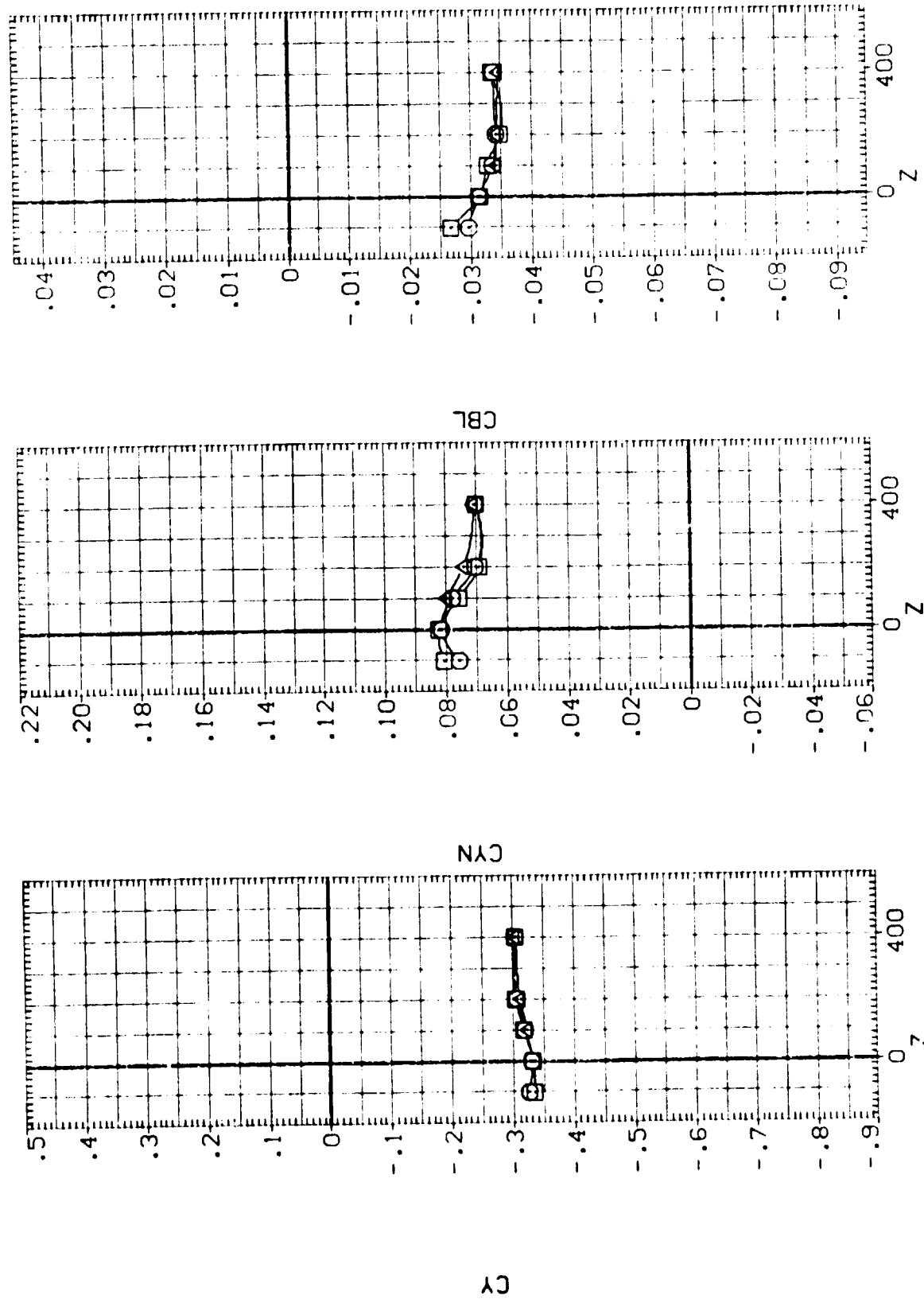


FIG.26 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)

# DATA SET SYMBOL

(RTU204)  
(RTU205)  
(RTU206)

## CONFIGURATION DESCRIPTION

AEDC/VAS28(IAB7)-CIET(SI)-ORB/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-CIET(SI)-ORB/ET V R/H SRB SEPAR.  
AEDC/VAS28(IAB7)-CIET(SI)-ORB/ET V R/H SRB SEPAR.

DALPHA  
1.00  
5.100  
-4.900

DBETA  
-8.100  
-8.100  
-8.100

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 3690.0000 SO.FT.  
LREF 290.3000 INCHES  
BREF 290.3000 INCHES  
XMRP 290.3000 INCHES  
YMRP 290.3000 INCHES  
ZMRP 450.0000 INCHES  
SCALE 0.0100

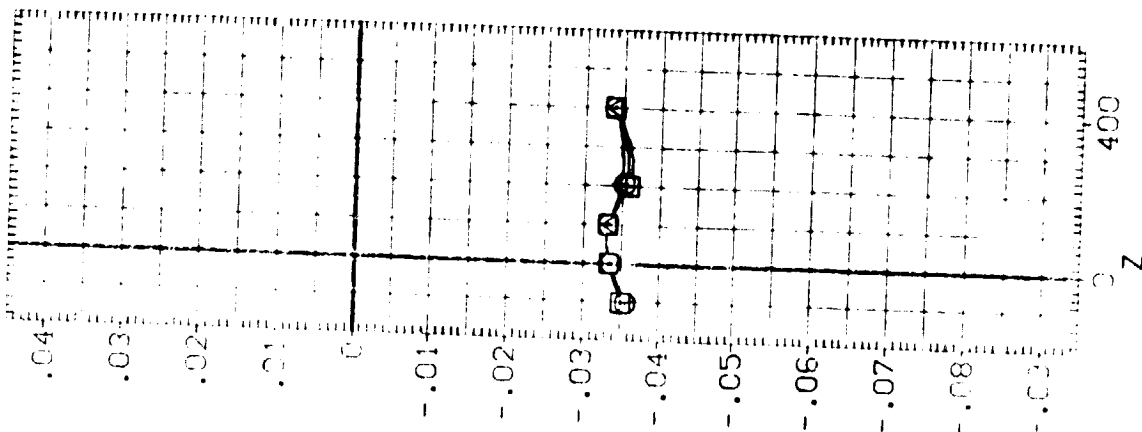
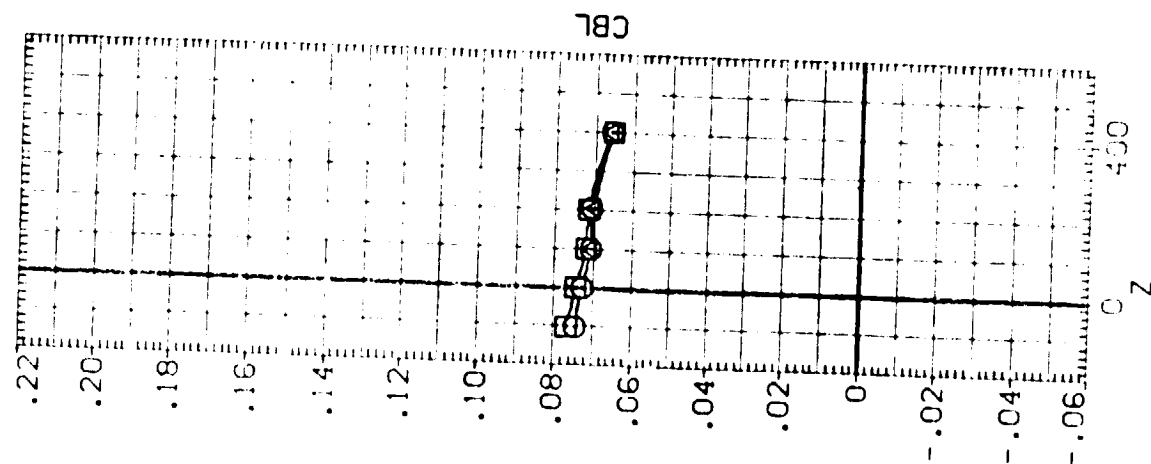
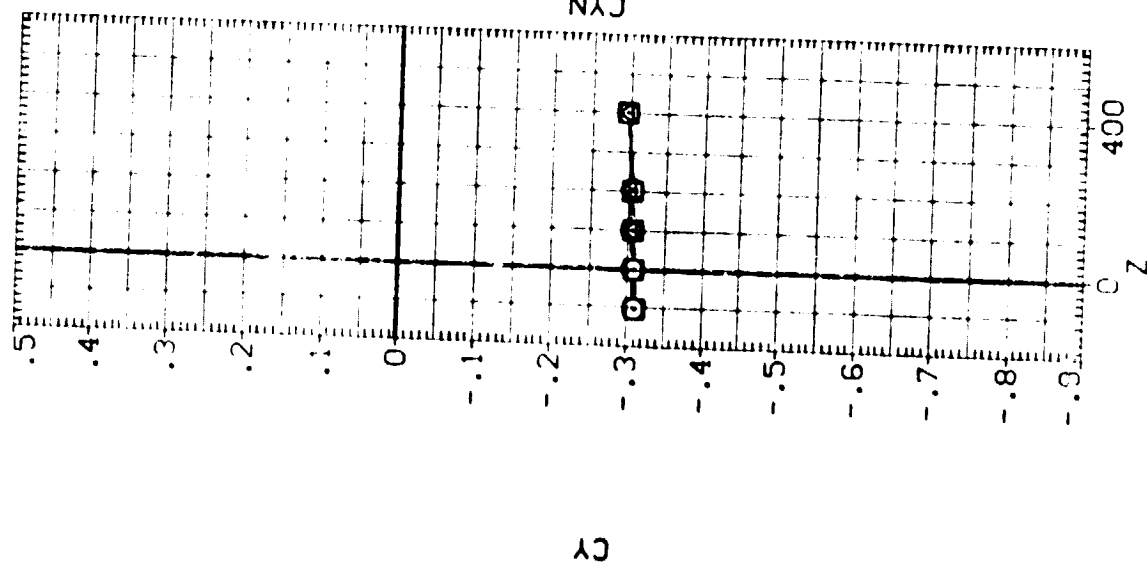


FIG.26 C/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.2 BETA=11.0)  
(D)Y =400.00

DATA SET SYMBOL  
(RTU227)  
(RTU230)  
(RTU231)

CONFIGURATION DESCRIPTION  
AEDC/JA528(1AB7)-Q1ET1S1-QRB/ET  
AEDC/JA528(1AB7)-Q1ET1S1-QRB/ET  
AEDC/JA528(1AB7)-Q1ET1S1-QRB/ET

R/H SRB SEPAR.  
R/H SRB SEPAR.  
R/H SRB SEPAR.

DALPHA  
.200  
5.200  
-4.900

DBETA  
-1.00  
-1.00  
-1.00

X  
.000  
.000  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

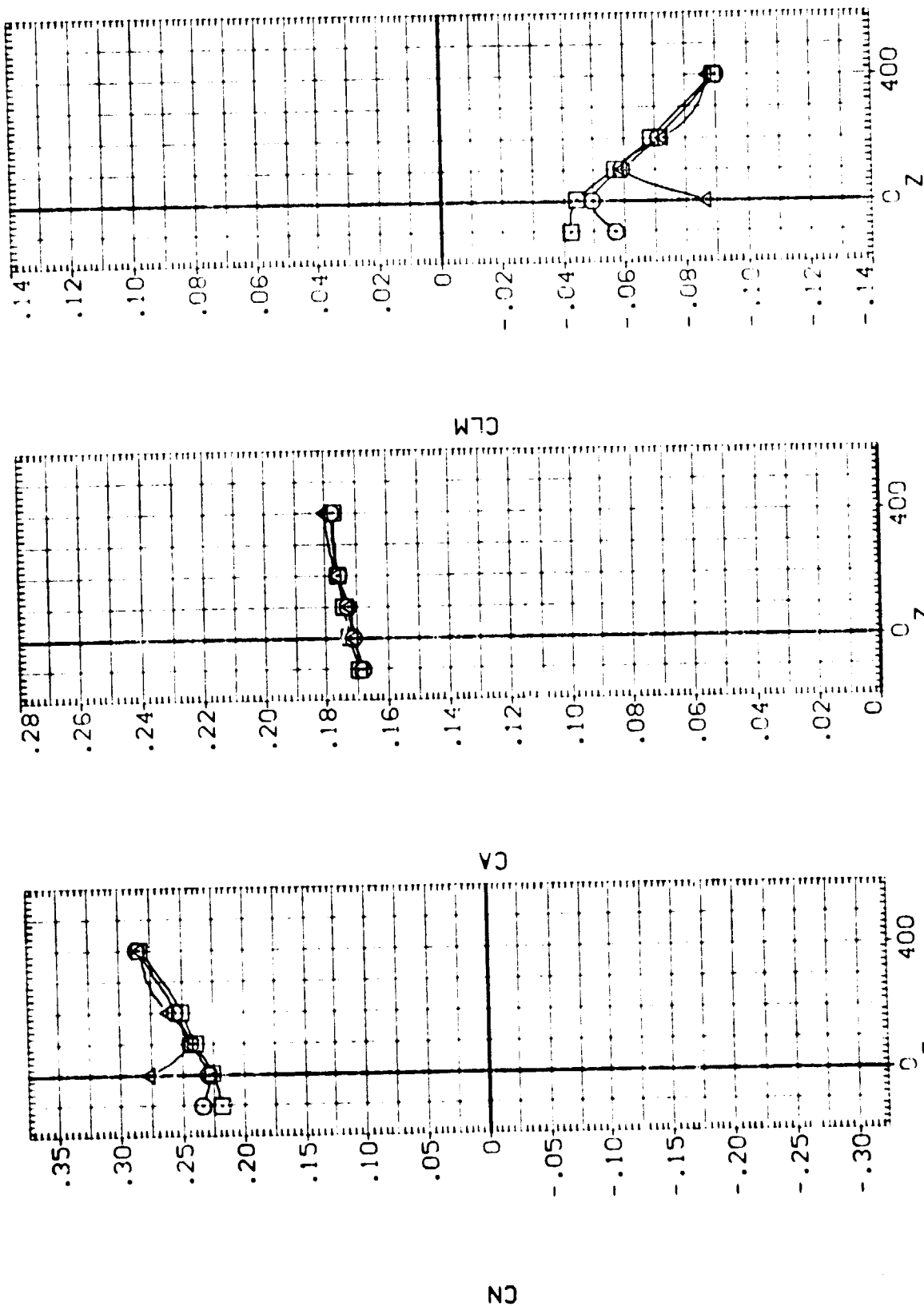


FIG.27 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(A) V = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	MACH	REFERENCE INFORMATION
(RTU227)	AEDC/VAS28(1A87)-O1ET1S1-OR8/ET	.200	-1.100	4.520	SREF 2650.0000 SO. FT.
(RTU230)	AEDC/VAS28(1A87)-O1ET1S1-OR8/ET	5.200	-1.100	4.520	UREF 1290.3000 INCHES
(RTU231)	AEDC/VAS28(1A87)-O1ET1S1-OR8/ET	-4.900	-1.100	4.520	BREF 1290.3000 INCHES
					YMRP 1097.0000 IN. YT
					ZMRP 450.0000 IN. ZT
					SCALE 0.100

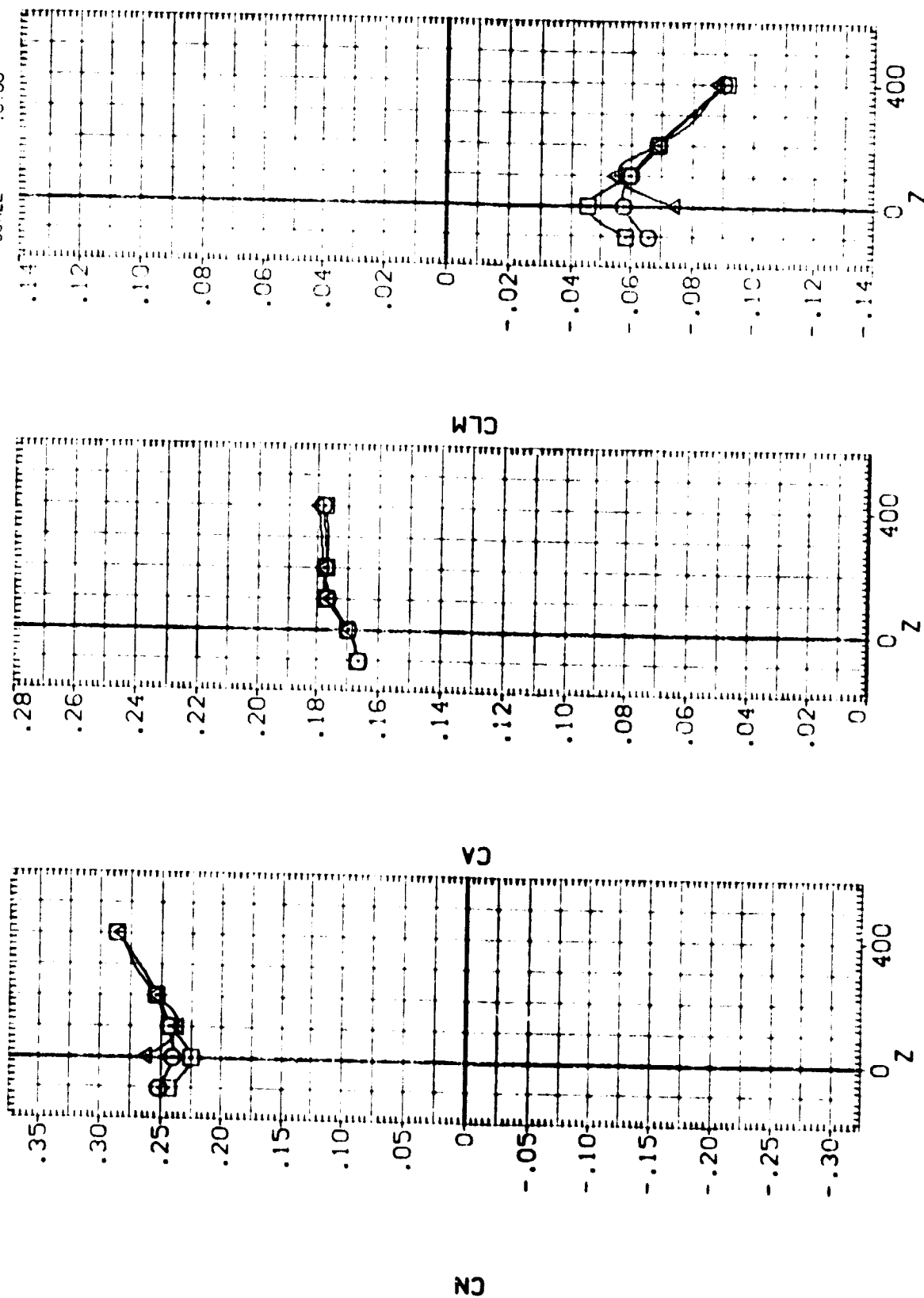


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	BETA	X	MACH	REFERENCE IN. YATION
(RTU227)	AEDC/WA528: (AB) - O/E T/SI - ORB/ET V R/H SRB SEPAR.	.200	-1.00	.000	4.520	SREF 2690.0000 SG.FT.
(RTU230)	AEDC/WA528: (AB) - O/E T/SI - ORB/ET V R/H SRB SEPAR.	5.200	-1.00	.000	4.520	LREF 1290.3000 INCHES
(RTU231)	AEDC/WA528: (AB) - O/E T/SI - ORB/ET V R/H SRB SEPAR.	-4.900	-1.00	.000	4.520	SREF 1290.3000 INCHES
						XREF 1097.0000 IN. XT
						YREF .0000 IN. YT
						ZREF 450.0000 IN. ZT
						SCALE .0100

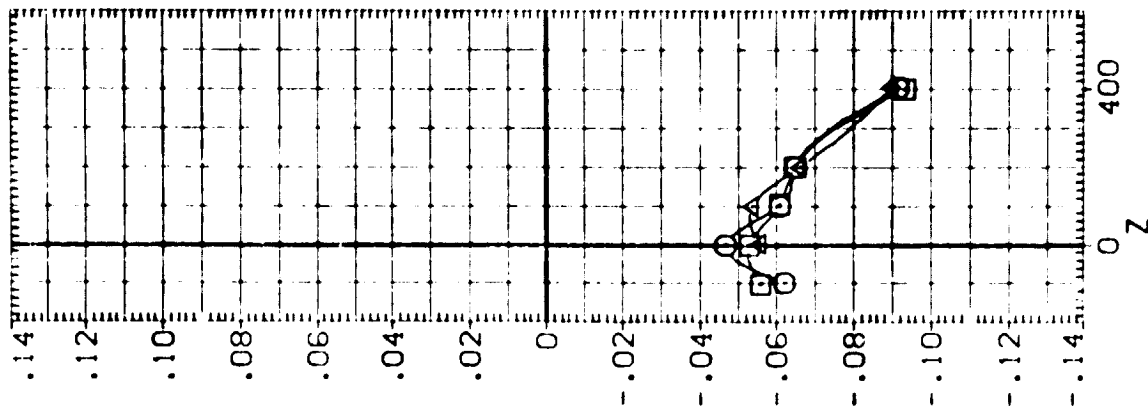
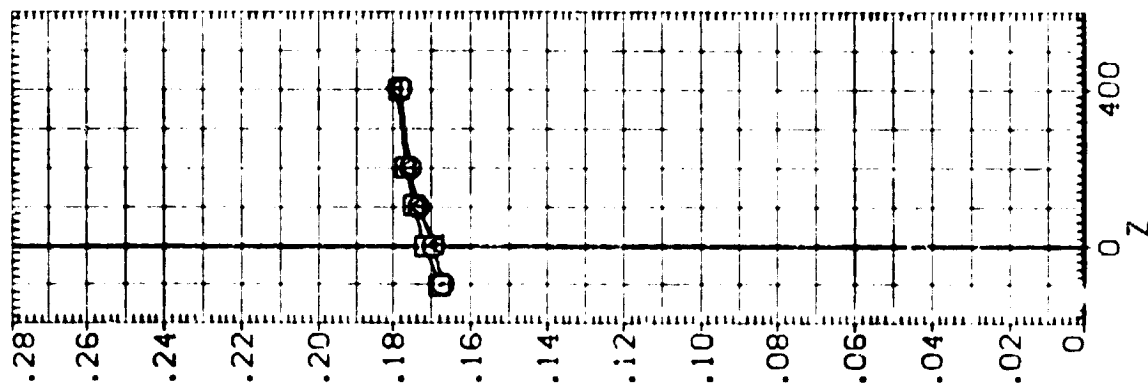
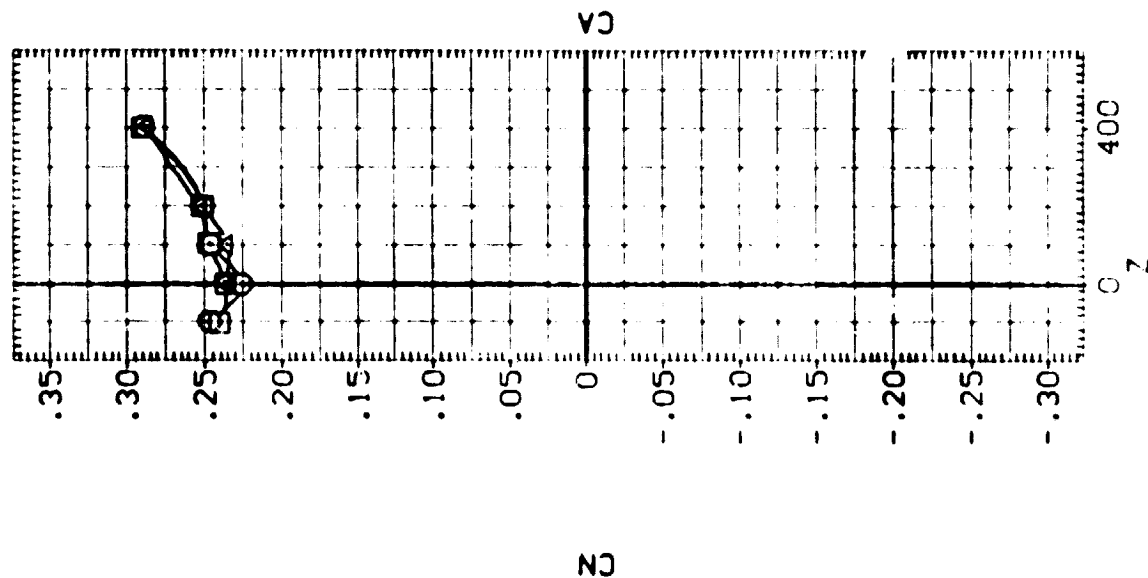


FIG.27 O/E T AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION	DESCRIPTION
(RTJ227)	AEDC/VAS28(1A87)-G1ET1S1-08/ET	R/H SRB SEPAR.
(RTJ230)	AEDC/VAS28(1A87)-G1ET1S1-08/ET	R/H SRB SEPAR.
(RTJ231)	AEDC/VAS28(1A87)-G1ET1S1-08/ET	R/H SRB SEPAR.

MAGN: 4.520  
 REF: 4.520  
 REF: 4.520  
 XREF: 4.520  
 YREF: 4.520  
 ZREF: 4.520  
 SCALE: 0.100

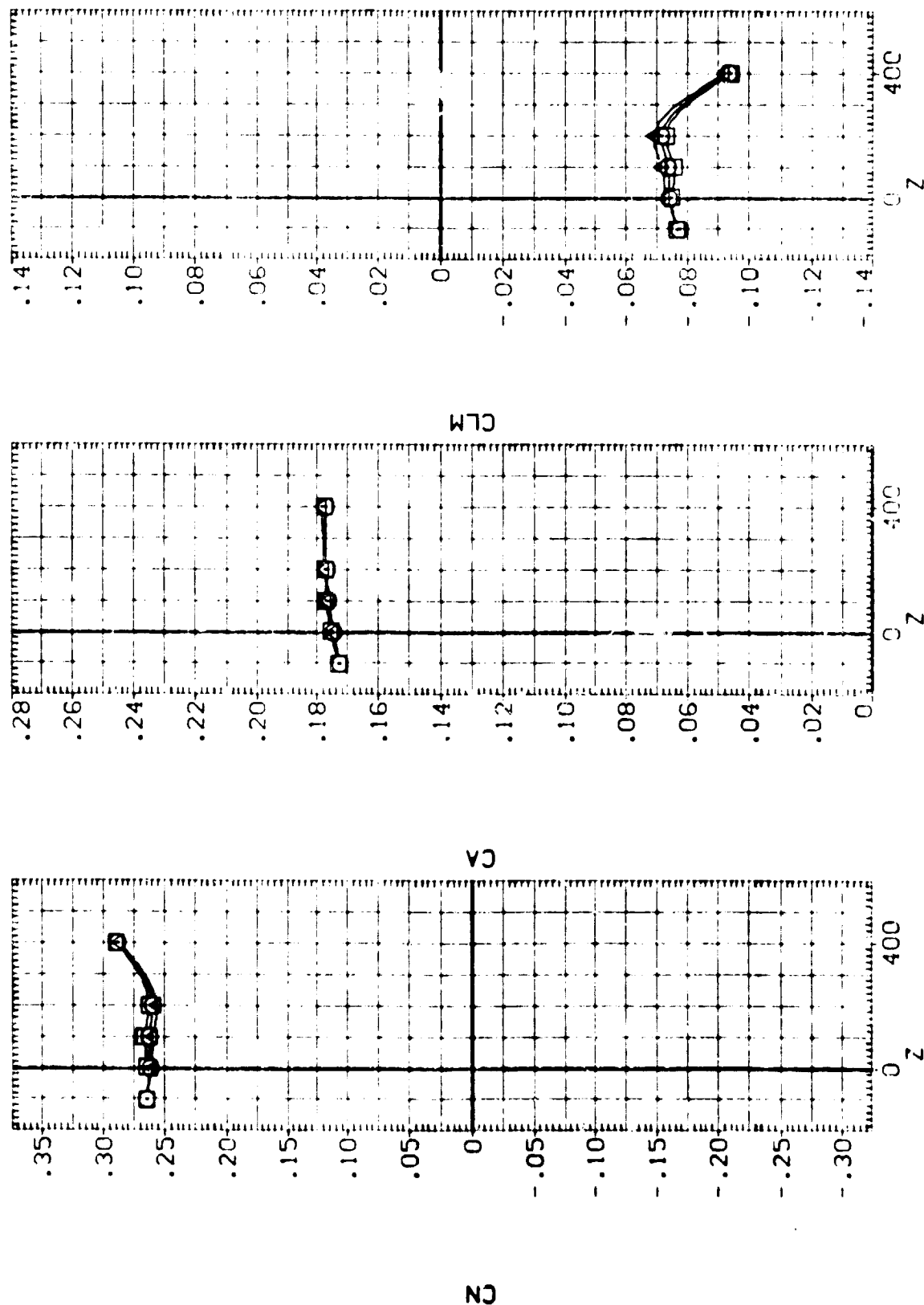


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(D)Y =400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU227)	AEDC/VAS28 (A87) - 01ETISI - CRB/ET	.200	-.100	.000	4.520	SREF 2690.0000 SO.FT.
(RTU230)	AEDC/VAS28 (A87) - 01ETISI - CRB/ET	5.200	-.100	.000	4.520	LREF 1290.3000 'NCHES
(RTU231)	AEDC/VAS28 (A87) - 01ETISI - CRB/ET	-4.900	-.100	.000	4.520	BREF 1290.3000 'NCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

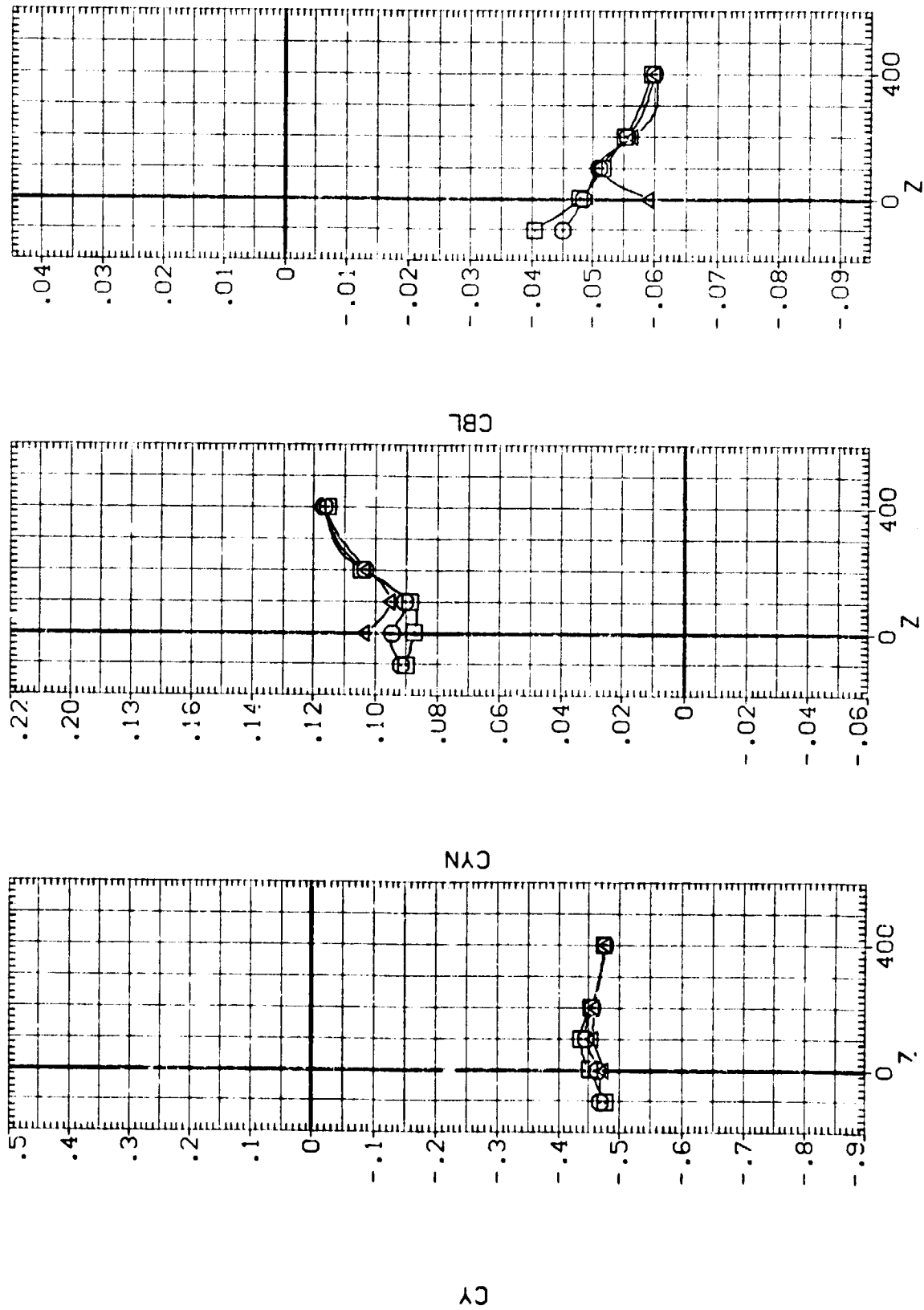


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00

DATA SET SYMBOL	Q	RTU227)	RTU230)	RTU231)
CONFIGURATION DESCRIPTION	AEDC/VA528(IAB7)-01ET1S1-0RB/ET	AEDC/VA528(IAB7)-01ET1S1-0RB/ET	AEDC/VA528(IAB7)-01ET1S1-0RB/ET	AEDC/VA528(IAB7)-01ET1S1-0RB/ET
MACH	4.520	4.520	4.520	4.520
DBETA	-1.100	-1.100	-1.100	-1.100
DALPHA	200	5.200	-4.900	
R/H SRB SEPAR.				
R/H SRB SEPAR.				
R/H SRB SEPAR.				
REFERENCE INFORMATION	SREF 2690.0000	LREF 1290.3000	BREF 1290.3000	XMRP 1097.0000
SO.FT.	1 INCHES	1 INCHES	1 INCHES	1 INCHES
SCALE	450.0000	450.0000	450.0000	450.0000

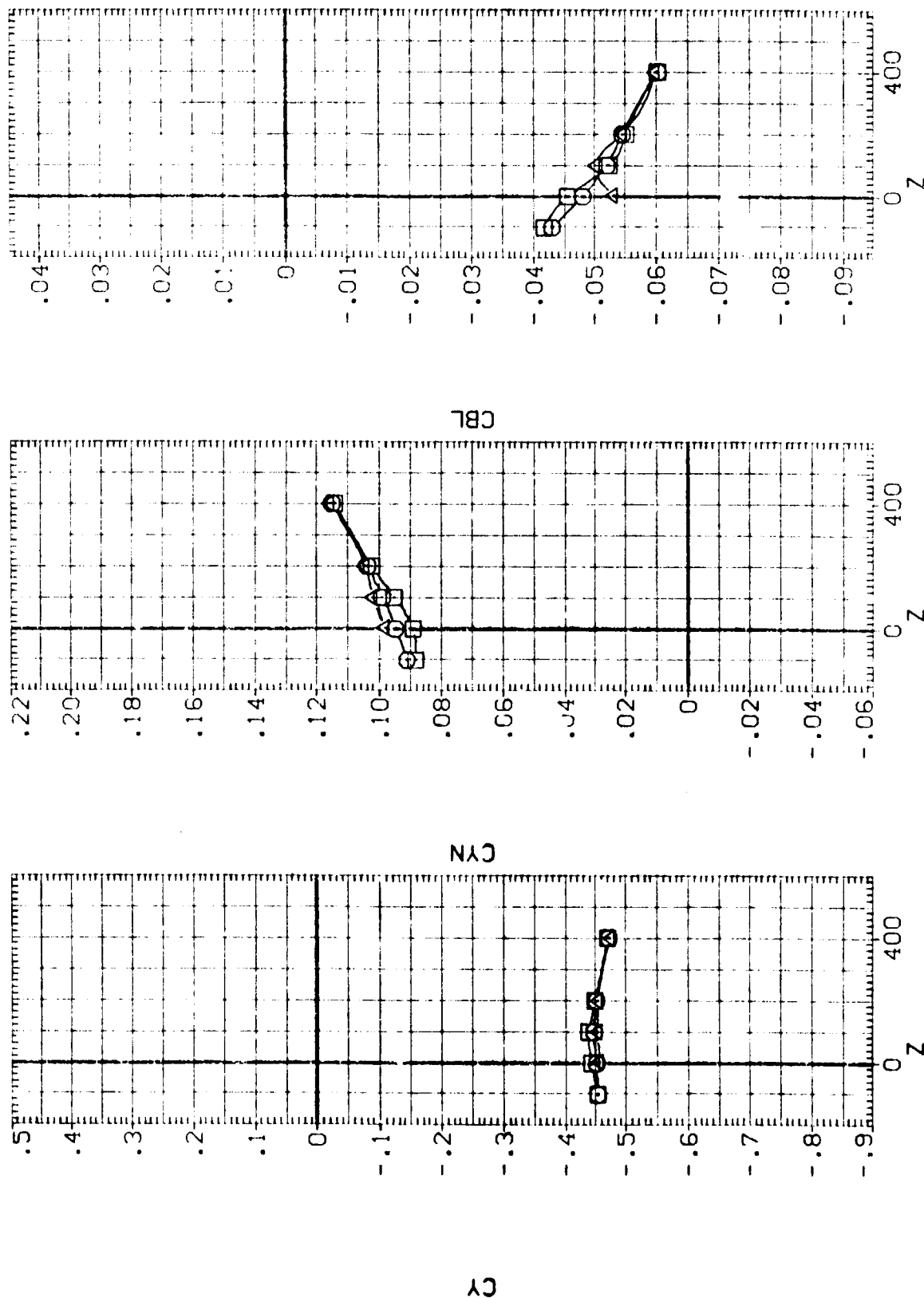


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(B)Y =100.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU227)	Q	AEDC/VA528(1A87)-01ETIS1-OR8/ET	V R/H	SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU230)		AEDC/VA528(1A87)-01ETIS1-OR8/ET	V R/H	SRB SEPAR.	.200	-.100	.000	4.520	SREF 2690.0000 SO.FT.
(RTU231)	Z	AEDC/VA528(1A87)-01ETIS1-OR8/ET	V R/H	SRB SEPAR.	5.200	-.100	.000	4.520	LREF 1290.3000 INCHES
					-4.900	-.100	.000	4.520	BREF 1290.3000 INCHES
									XMRP 1097.0000 IN. XT
									YMRP .0000 IN. YT
									ZMRP 450.0000 IN. ZT
									SCALE .0100

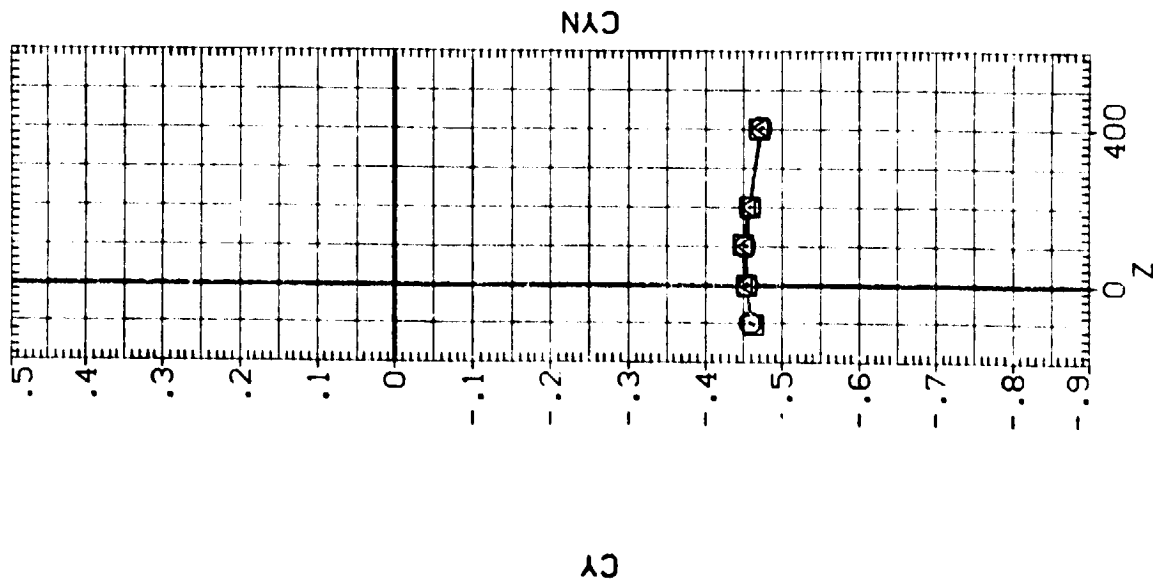


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU228)	AEDC/VA528(1A87)-01ET1S1-0RB/ET	.200	-1.00	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU229)	AEDC/VA528(1A87)-01ET1S1-0RB/ET	5.200	-1.00	300.000	4.520	LREF 1290.3000 INCHES
(RTU232)	AEDC/VA528(1A87)-01ET1S1-0RB/ET	-4.900	-1.00	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

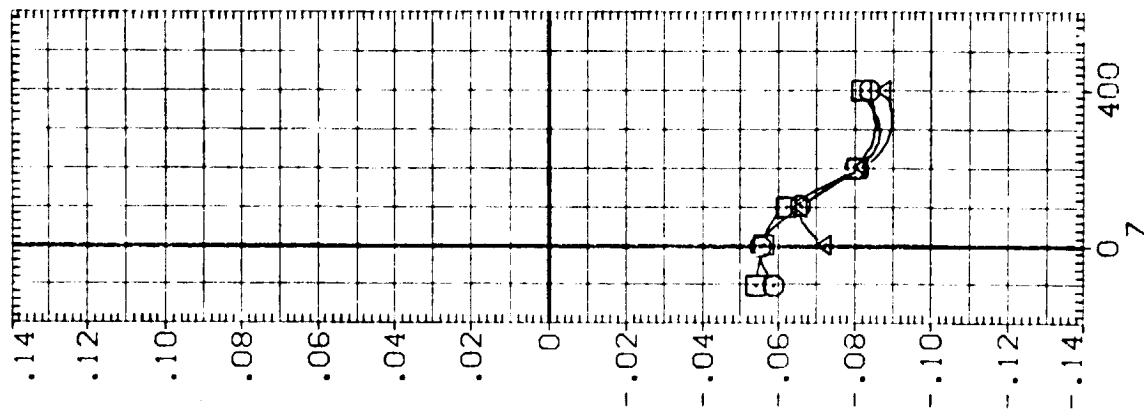
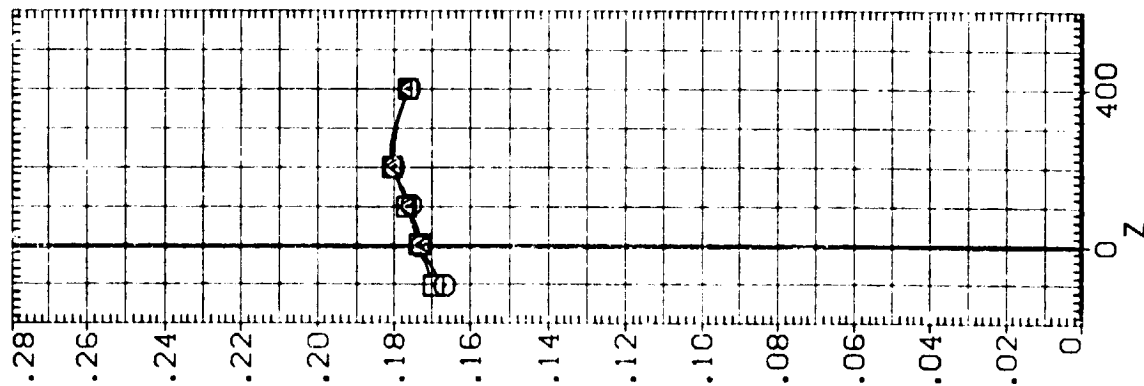
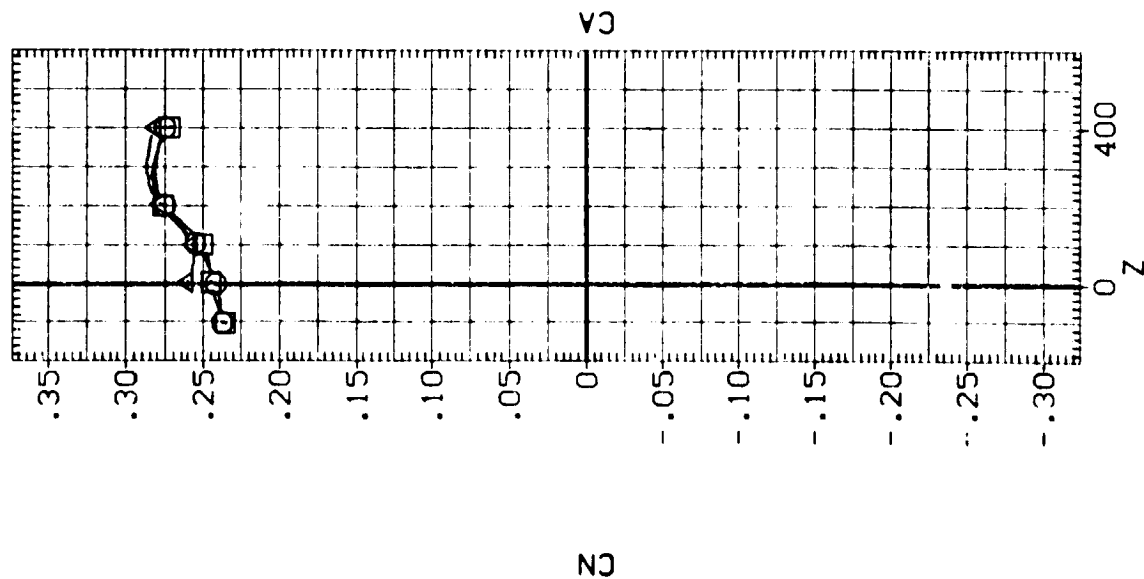


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU228) AEDC/VAS28(IAB7)-O1ET1S1-O1RB/ET V R/H SRB SEPAR.

(RTU229) AEDC/VAS28(IAB7)-O1ET1S1-O1RB/ET V R/H SRB SEPAR.

(RTU232) AEDC/VAS28(IAB7)-O1ET1S1-O1RB/ET V R/H SRB SEPAR.

MACH 4.520 300.000

4.520 300.000

4.520 300.000

4.520 300.000

DALPHA DBETA

-.200

-.100

-.100

-.100

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.

LREF 1290.3000 INCHES

BREF 1290.3000 INCHES

XMRP 1097.0000 IN. XT

YMRP .0000 IN. YT

ZMRP 450.0000 IN. ZT

SCALE .0100

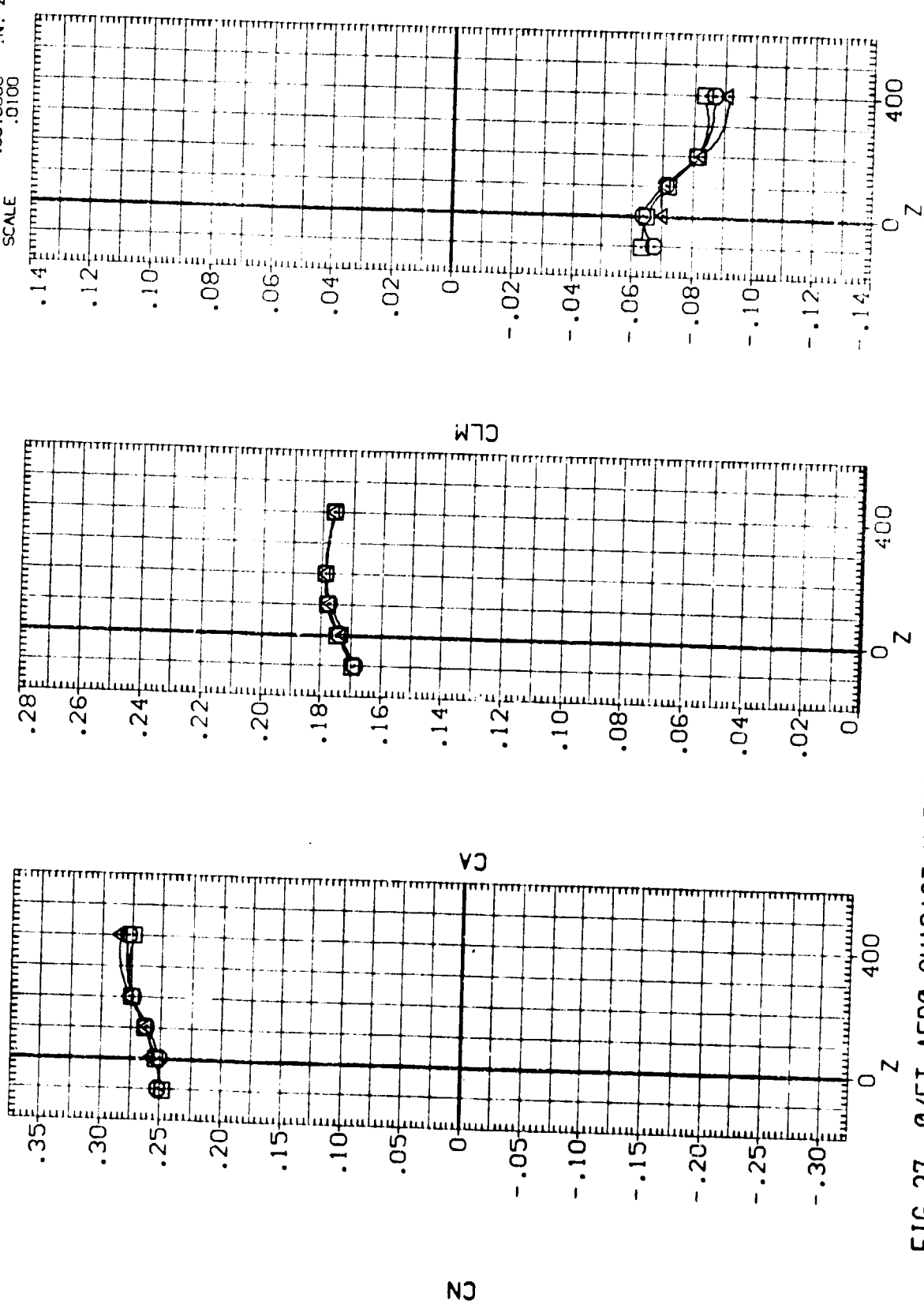


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	DBETA	X	MACH	REFERENCE INFORMATION
(RTU228)	AEDC/VAS281(A87)-OJET1S1-CRB/ET	✓	.200	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU229)	AEDC/VAS281(A87)-OJET1S1-CRB/ET	✓	5.200	300.000	4.520	LREF 1290.3000 INCHES
(RTU232)	AEDC/VAS281(A87)-OJET1S1-CRB/ET	✓	-4.900	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. XT
						ZMRP .0000 IN. YT
						SCALE 450.0000 IN. ZT

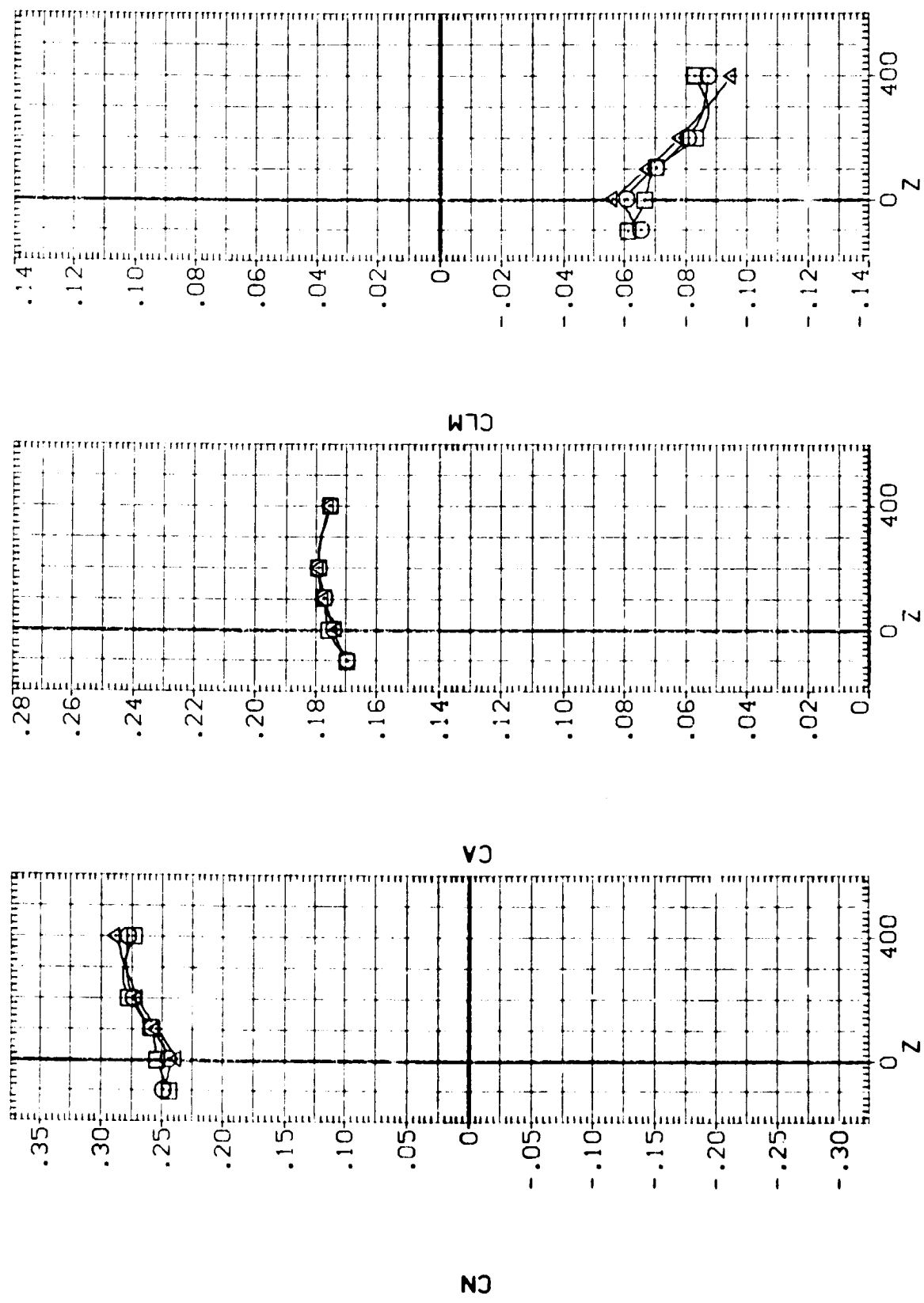


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)





CONFIGURATION	DESCRIPTION
1	...
2	...
3	...
4	...
5	...
6	...
7	...
8	...
9	...
10	...
11	...
12	...
13	...
14	...
15	...
16	...
17	...
18	...
19	...
20	...
21	...
22	...
23	...
24	...
25	...
26	...
27	...
28	...
29	...
30	...
31	...
32	...
33	...
34	...
35	...
36	...
37	...
38	...
39	...
40	...
41	...
42	...
43	...
44	...
45	...
46	...
47	...
48	...
49	...
50	...
51	...
52	...
53	...
54	...
55	...
56	...
57	...
58	...
59	...
60	...
61	...
62	...
63	...
64	...
65	...
66	...
67	...
68	...
69	...
70	...
71	...
72	...
73	...
74	...
75	...
76	...
77	...
78	...
79	...
80	...
81	...
82	...
83	...
84	...
85	...
86	...
87	...
88	...
89	...
90	...
91	...
92	...
93	...
94	...
95	...
96	...
97	...
98	...
99	...
100	...

	LOCATION	DESCRIPTION	V	R/H	S/RB	SEPAR.
AEDC/VAS28(1A87)	-O1ET	S1 -ORB/ET	V	R/H	S/RB	SEPAR.
AEDC/VAS28(1A87)	-O1ET	S1 -ORB/ET	V	R/H	S/RB	SEPAR.
AEDC/VAS28(1A87)	-O1ET	S1 -ORB/ET	V	R/H	S/RB	SEPAR.

DALPHA  
200  
5.200  
-4.900

DBETA	X
-.100	300
-.100	300
-.100	300

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION	
SREF	2690.0000 SQ.FT.
LREF	1290.3000 INCHES
BREF	1290.3000 INCHES
XMRP	1097.0000 IN. XT
YMRP	.0000 IN. YT
ZMRP	450.0000 IN. ZT
SCALE	.0100

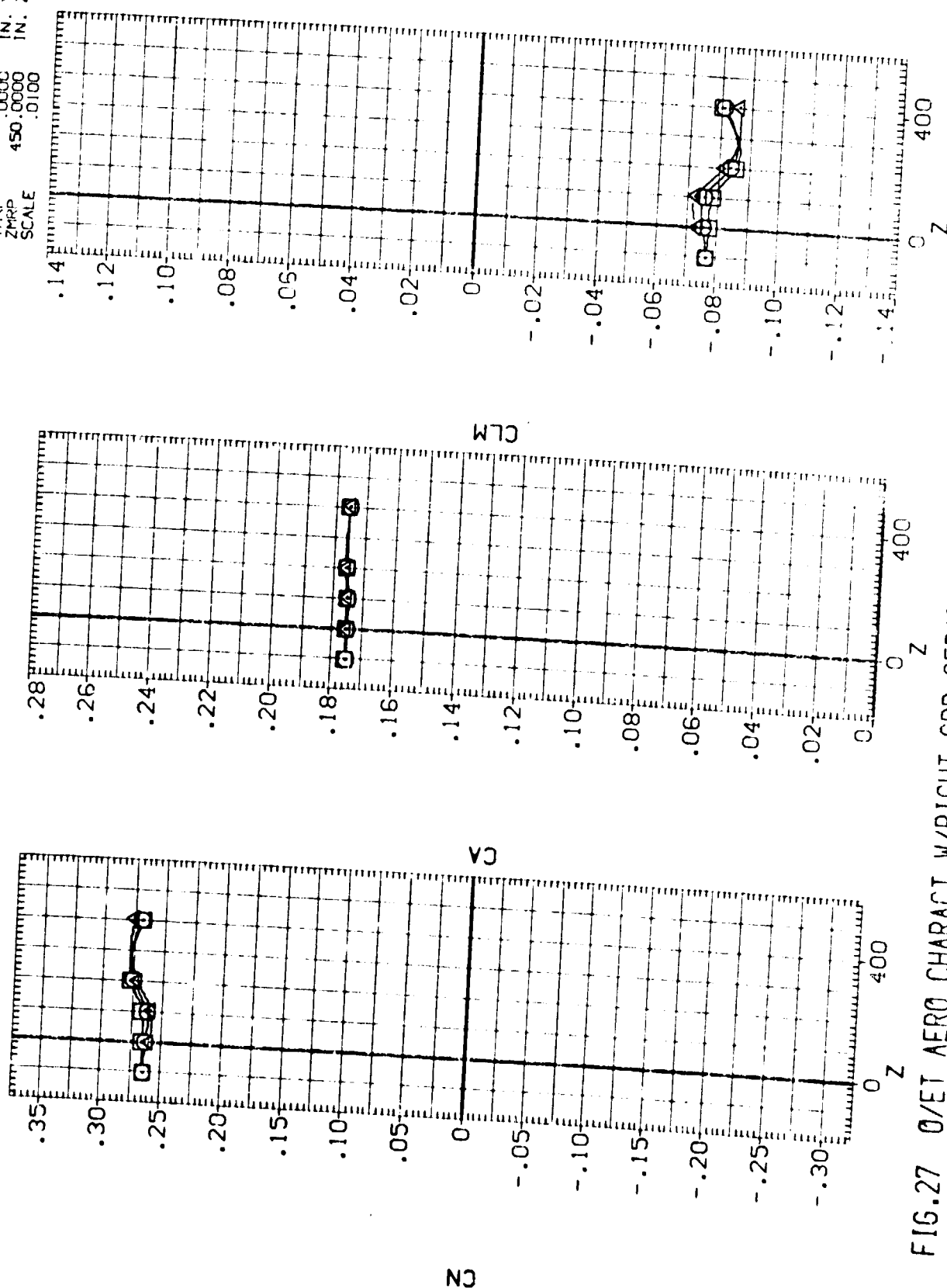


FIG. 27 O/ET AERO CHARACTERISTICS W/RIGHT SRB SEPARATING (ALPHA=10.0, BETA=15.8)  
C Z 400  
C Z  
C Z

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	1/ACH	REFERENCE IN	1/ATION
(RTU228)	AEDC/VAS281 (A87) OJET(SI)-OGB/ET V R/H SRB SEPAR.	.200	-.100	300.000	4.520	SREF 2690.0000	50. FT.
(RTU229)	AEDC/VAS281 (A87) OJET(SI)-OGB/ET V R/H SRB SEPAR.	5.200	-.100	300.000	4.520	LREF 1290.3000	INCHES
(RTU232)	AEDC/VAS281 (A87) OJET(SI)-OGB/ET V R/H SRB SEPAR.	-4.900	-.100	300.000	4.520	BREF 1290.3000	INCHES
						YMRP 1097.0000	IN. YI
						ZMRP .0000	IN. ZI
						SCALE 450.0000	
							.0100

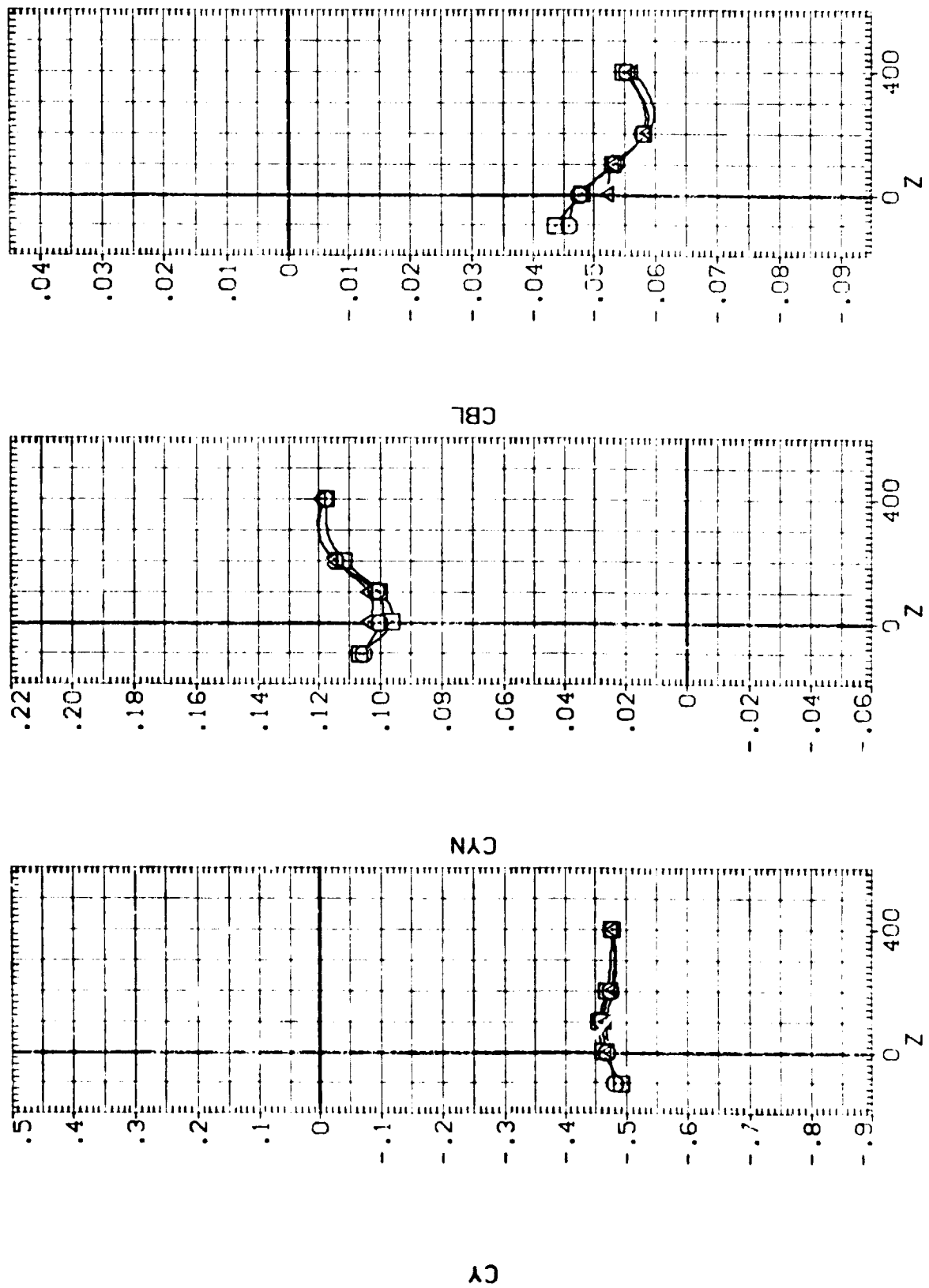


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU228) AEDC/VAS28(IAB7)-O1ET(I)-SRB/ET V R/H SRB SEPAR.

(RTU229) AEDC/VAS28(IAB7)-O1ET(I)-SRB/ET V R/H SRB SEPAR.

(RTU232) AEDC/VAS28(IAB7)-O1ET(I)-SRB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU228) AEDC/VAS28(IAB7)-O1ET(I)-SRB/ET V R/H SRB SEPAR.

(RTU229) AEDC/VAS28(IAB7)-O1ET(I)-SRB/ET V R/H SRB SEPAR.

(RTU232) AEDC/VAS28(IAB7)-O1ET(I)-SRB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU228) AEDC/VAS28(IAB7)-O1ET(I)-SRB/ET V R/H SRB SEPAR.

(RTU229) AEDC/VAS28(IAB7)-O1ET(I)-SRB/ET V R/H SRB SEPAR.

(RTU232) AEDC/VAS28(IAB7)-O1ET(I)-SRB/ET V R/H SRB SEPAR.

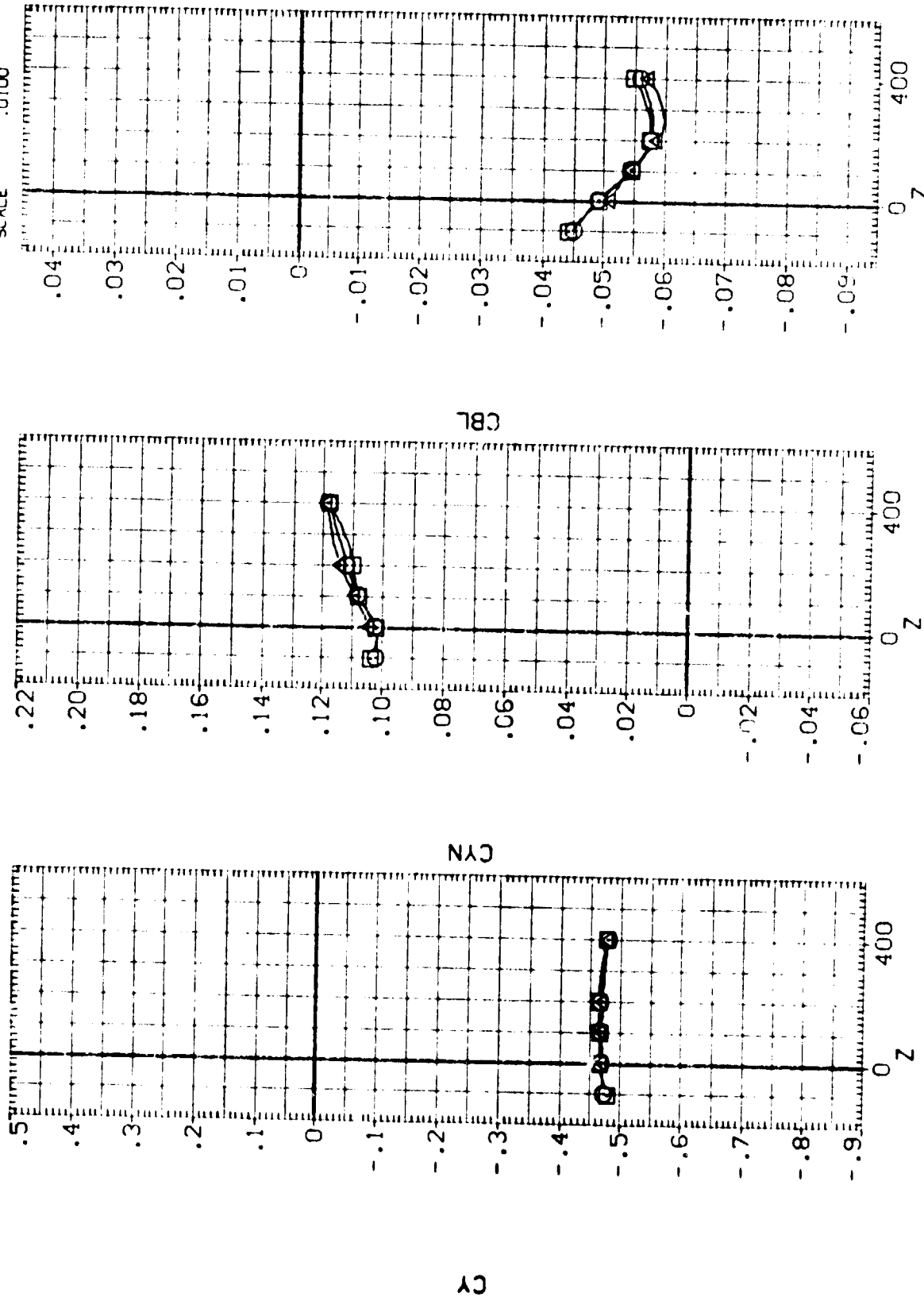


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(B)Y =100.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU228)	AEDC/JA528(A87)-O1ET1S1-OR8/ET V R/H SRB SEPAR.	.200	-.100	300.000	4.520	SREF 2650.0000 SO.FT.
(RTU229)	AEDC/JA528(A87)-O1ET1S1-OR8/ET V R/H SRB SEPAR.	5.203	-.100	300.000	4.520	LREF 1250.3000 INCHES
(RTU232)	AEDC/JA528(A87)-O1ET1S1-OR8/ET V R/H SRB SEPAR.	-4.500	-.100	300.000	4.520	BREF 1250.3000 INCHES
						XHRP 1097.0000 IN. XT
						YHRP .0000 IN. YT
						ZHRP 450.0000 IN. ZT
						SCALE .0100

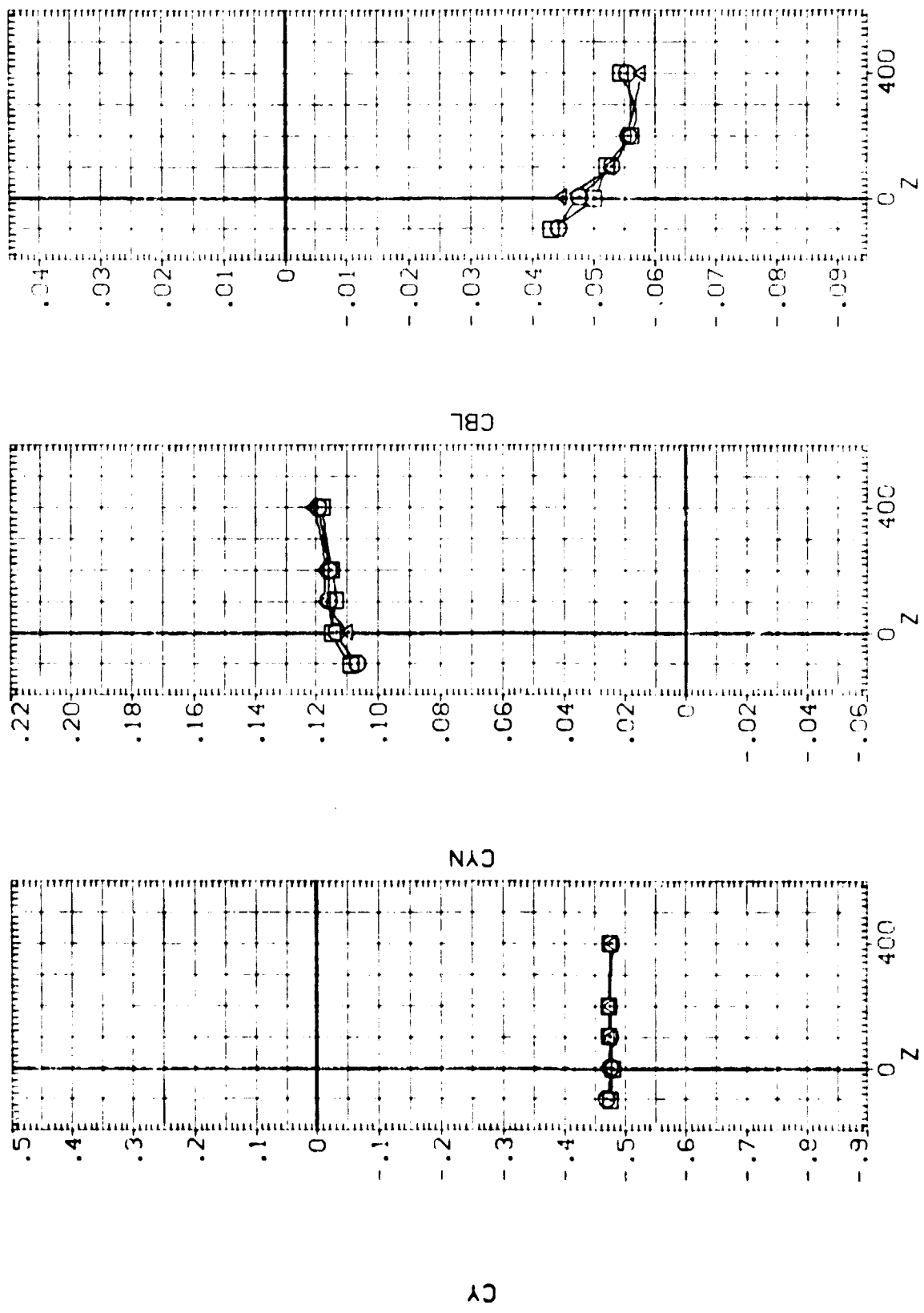


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =400.00

DATA SET SYMBOL  
(RTU228)  
(RTU229)  
(RTU232)

CONFIGURATION DESCRIPTION  
AEDC/VAS281(A87)-O1ET1S1-CRB/ET  
AEDC/VAS281(A87)-O1ET1S1-CRB/ET  
AEDC/VAS281(A87)-O1ET1S1-CRB/ET

DALPHA DBETA  
200  
5.200  
-4.900

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2650.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 450.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE 10.00

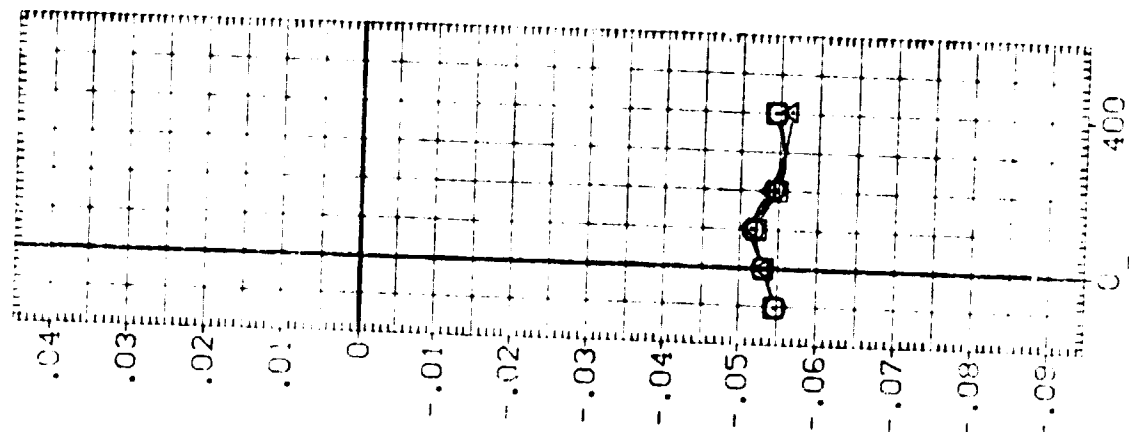
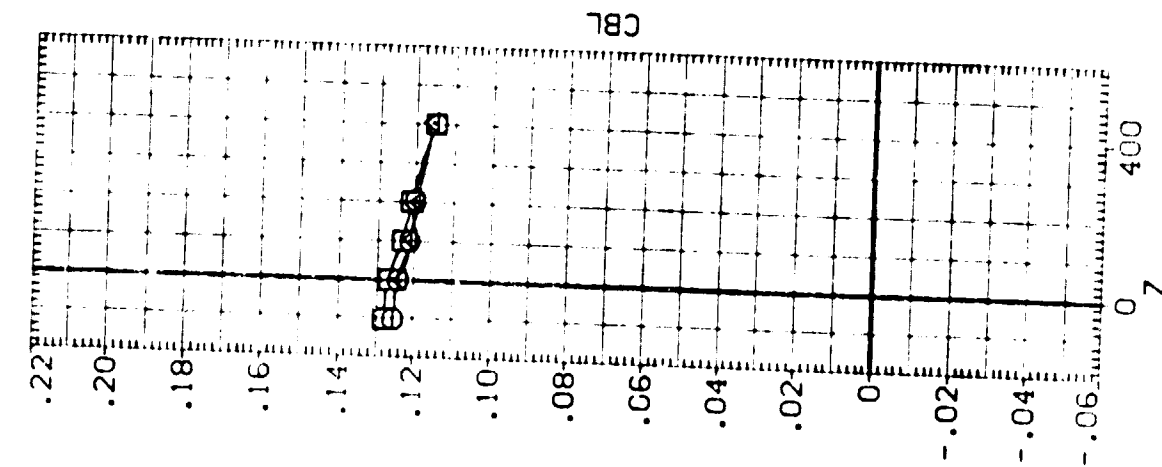
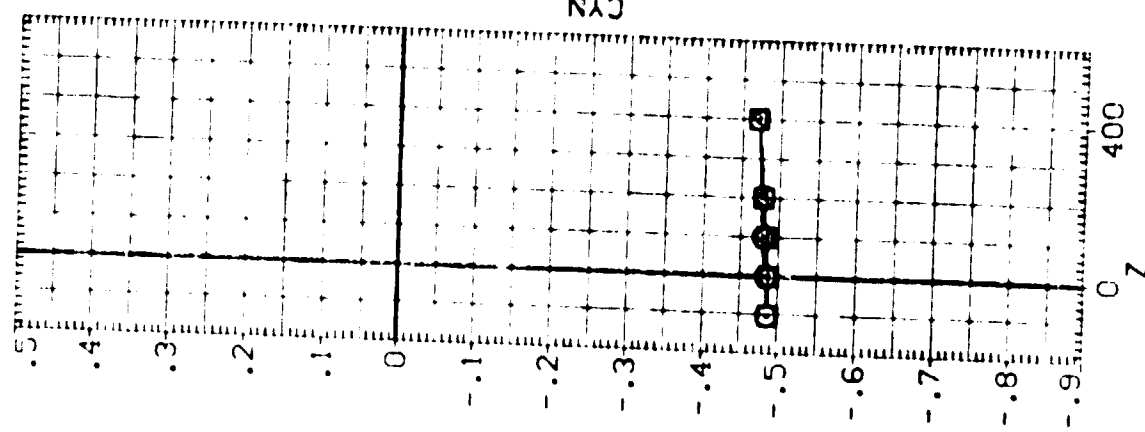


FIG.27 O/ET AERO CHARACTERISTICS W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)  
(O)Y =400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	MACH	REFERENCE INFORMATION
(RTU233)	AEDC/VAS28(1A87)-01ETIS1-SRB/ET V R/H SRB SEPAR.	.200	-4.100	4.520	SRF 2690.0000 SQ.FT.
(RTU236)	AEDC/VAS28(1A87)-01ETIS1-SRB/ET V R/H SRB SEPAR.	5.200	-4.100	4.520	SRF 1290.3000 INCHES
(RTU237)	AEDC/VAS28(1A87)-01ETIS1-SRB/ET V R/H SRB SEPAR.	-4.900	-4.100	4.520	SRF 1290.3000 INCHES
					YMRP .097.0000 IN. XT
					YMRP .0000 IN. YT
					ZMRP .450.0000 IN. ZT
					SCALE .0100

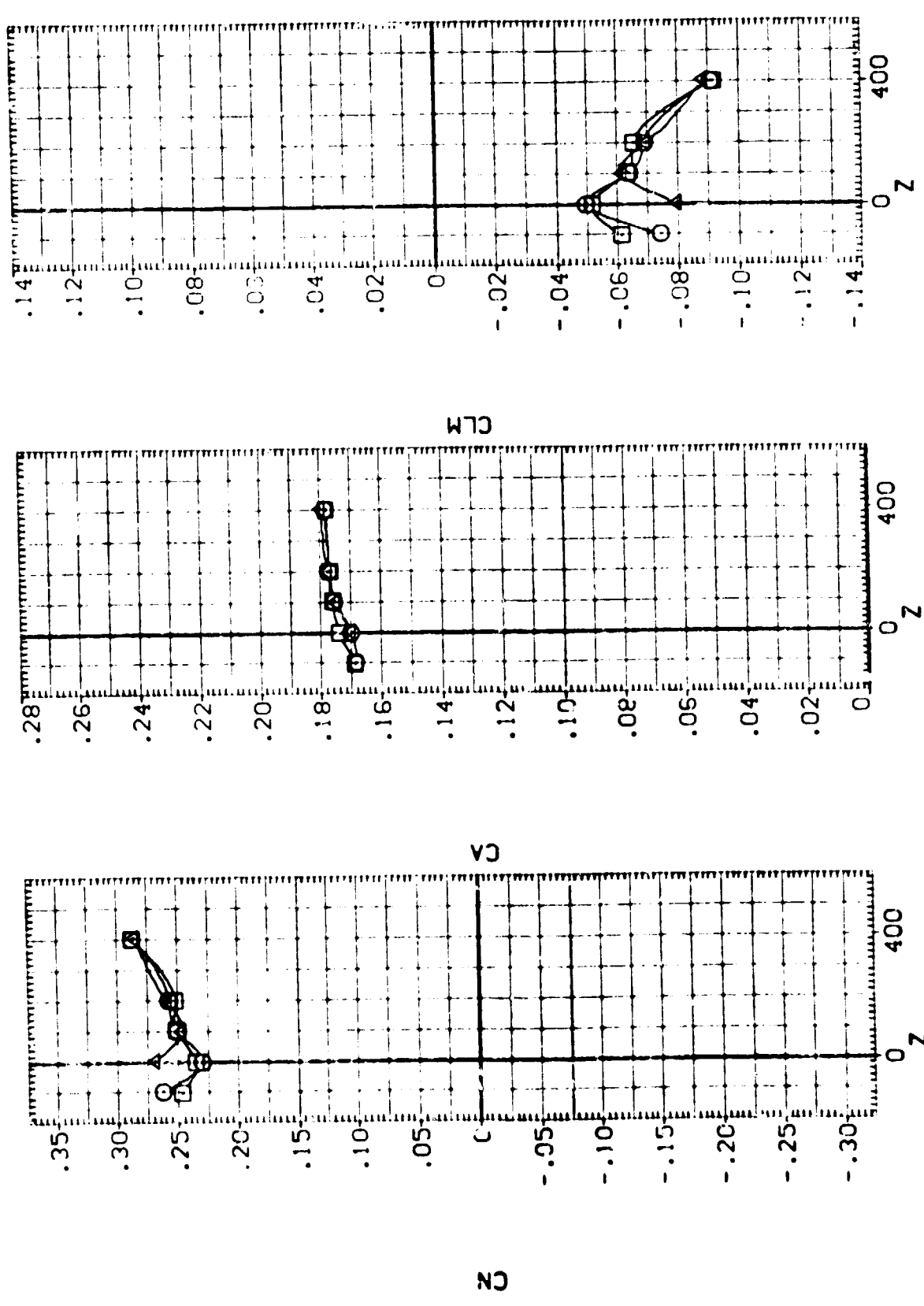


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU233) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

(RTU236) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

(RTU237) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU233) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

(RTU236) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

(RTU237) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU233) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

(RTU236) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

(RTU237) AEDC/VA528(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION

SQ.FT. 2690.0000

INCHES 1290.3000

IN. XT 1290.3000

IN. YT 1097.0000

IN. ZT 450.0000

SCALE .0100

MACH 4.520

X .000

DBETA -4.100

DALPHA .200

5.200

-4.100

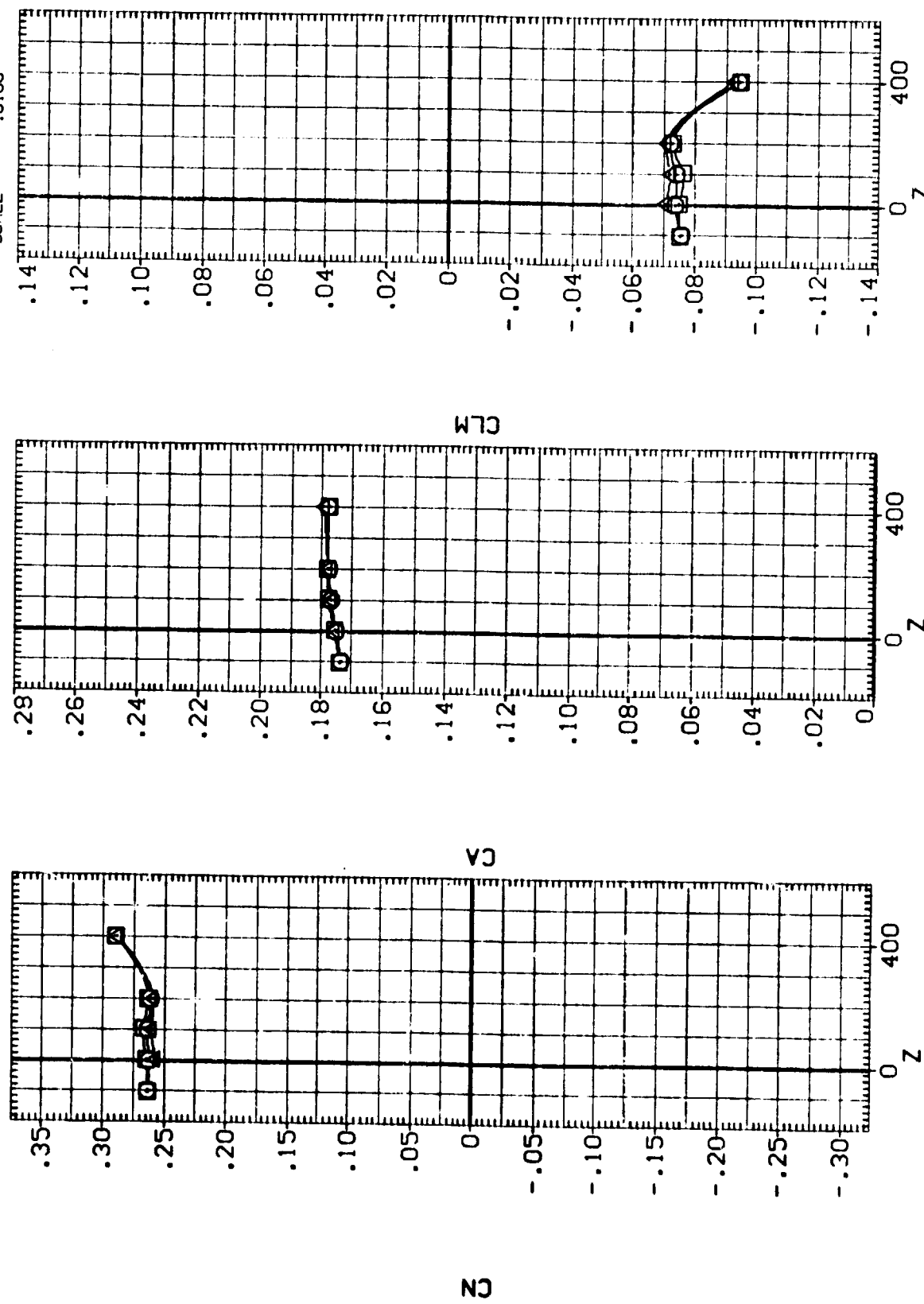


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(D)Y = 400.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU233)  
(RTU236)  
(RTU237)

AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.  
AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.  
AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.

DALPHA DBETA X

4.520  
4.520  
4.520

MACH

2690.0000  
1290.3000  
1290.3000  
1097.0000  
450.0000  
450.0000

IN. XT  
IN. YT  
IN. ZT

SCALE

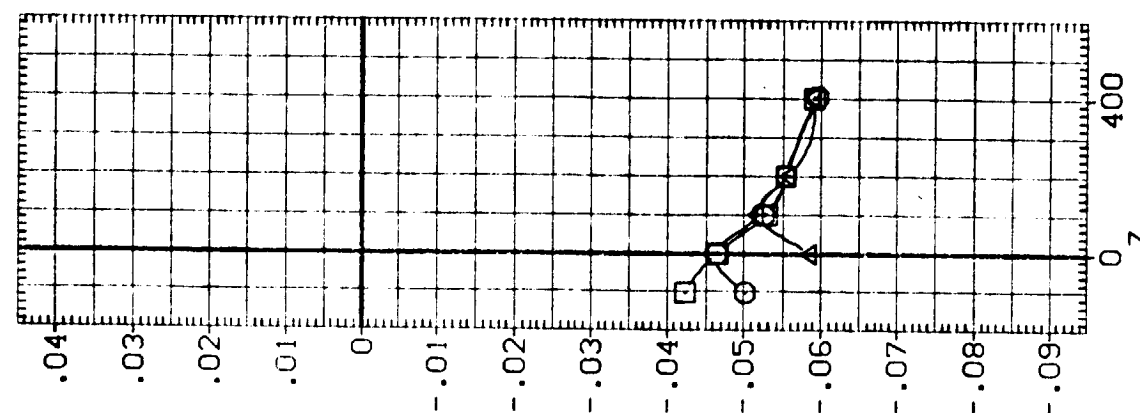
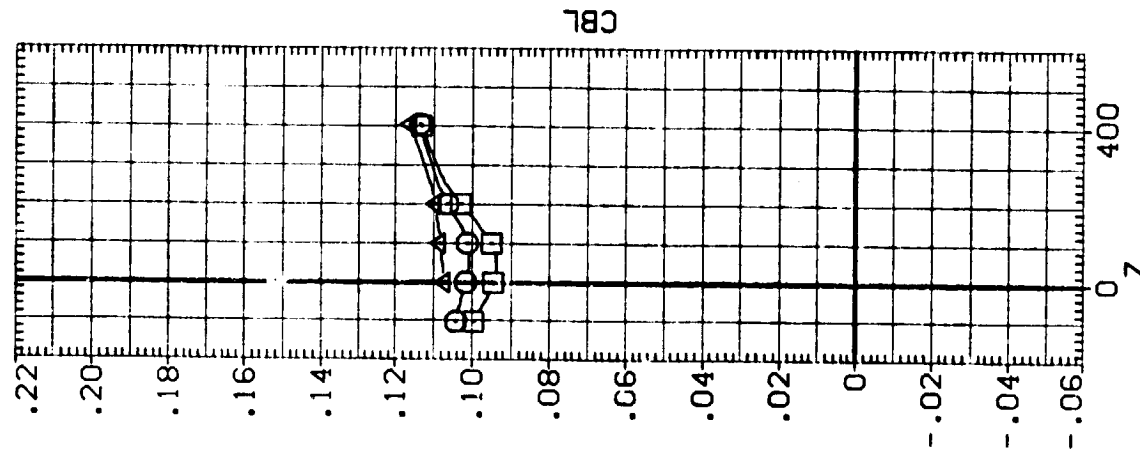
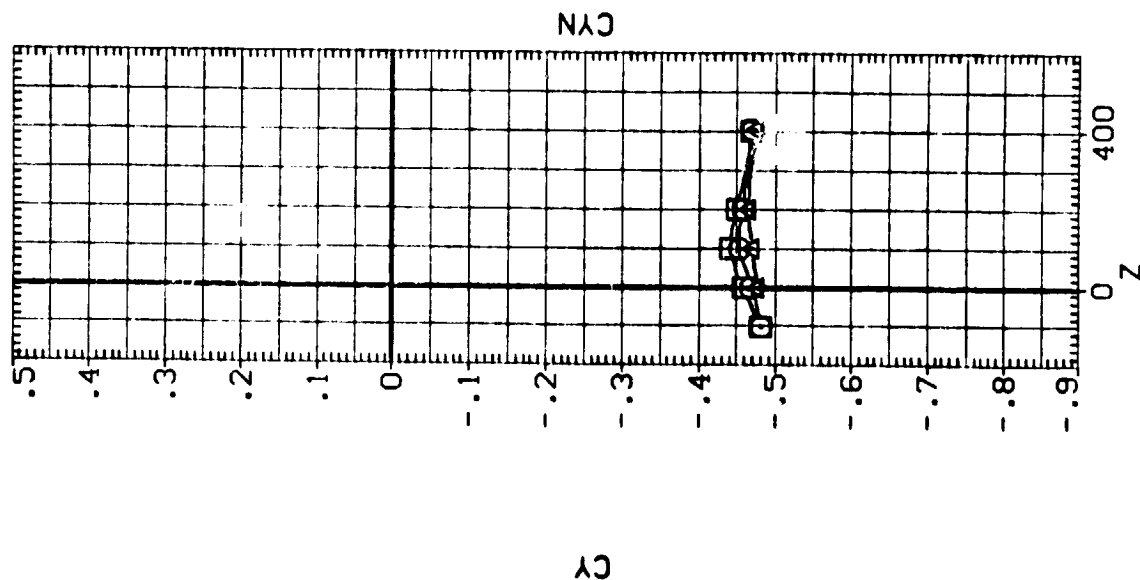


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(B)Y =100.00

DATA SET SYMBOL  
(RTU233)  
(RTU236)  
(RTU237)

CONFIGURATION DESCRIPTION  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

ALPHA DBETA X  
.200  
-4.100  
.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

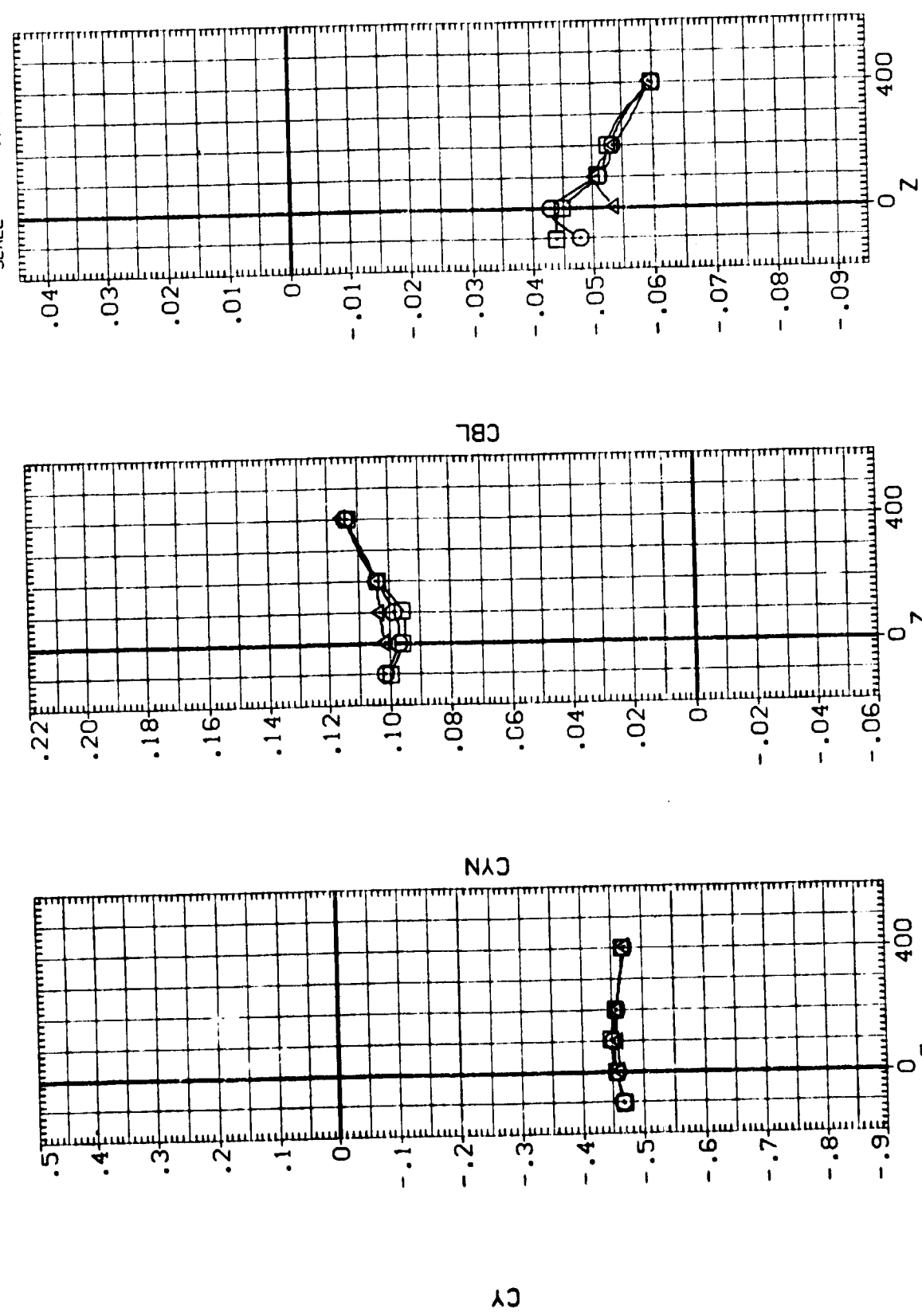


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =200.00

# DATA SET SYMBOL

(RTU233)  
(RTU236)  
(RTU237)



# CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-01ETISI-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETISI-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETISI-0RB/ET V R/H SRB SEPAR.

# DALPHA

.200  
5.200  
-4.900

# X

.000  
.000  
.000

# MACH

4.520  
4.520  
4.520

# REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
ZMRP .0000 IN. YT  
SCALE 450.0000 IN. ZT

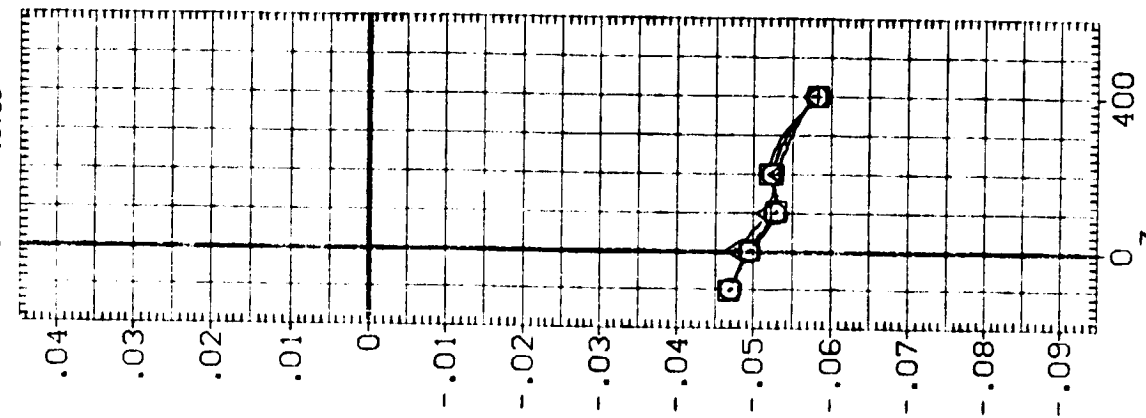
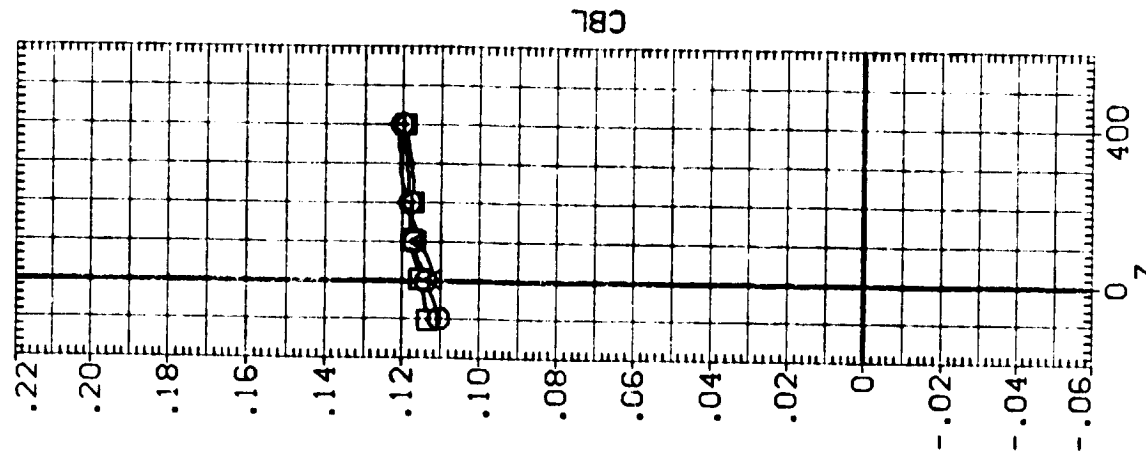
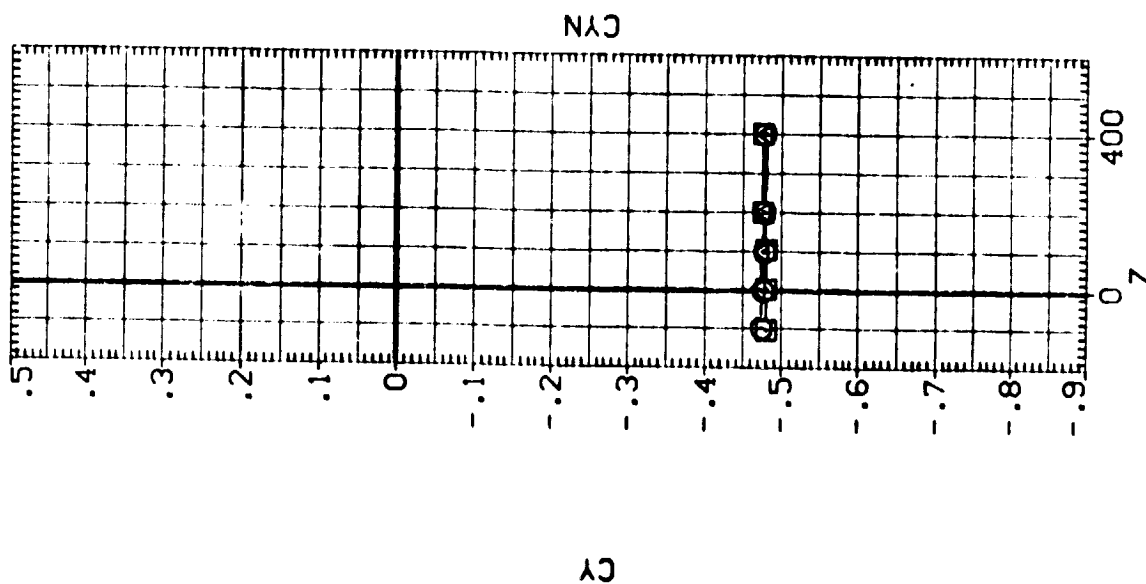


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(O)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU234)	AEDC/VA528(1A87)-01ETIS1-ORB/ET V R/H SRB SEPAR.	.200	-4.100	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU235)	AEDC/VA528(1A87)-01ETIS1-ORB/ET V R/H SRB SEPAR.	5.200	-4.100	300.000	4.520	LREF 1290.3000 INCHES
(RTU237)	AEDC/VA528(1A87)-01ETIS1-ORB/ET V R/H SRB SEPAR.	-4.900	-4.100	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

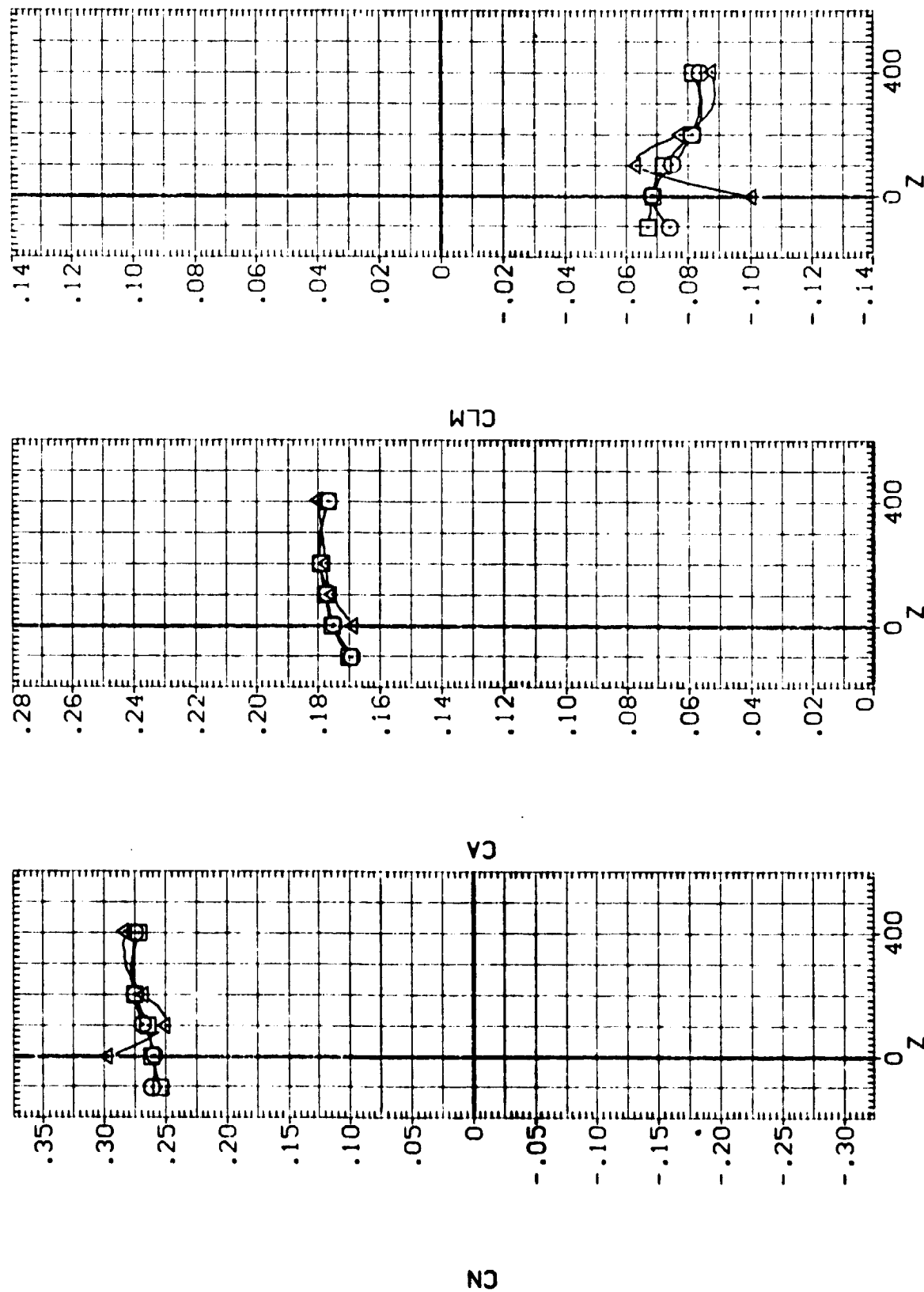


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU234)	AEDC/VA528(IAB7)-O1ETIS1-OR8/ET V R/H SRB SEPAR.	.200	-4.100	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU235)	AEDC/VA528(IAB7)-O1ETIS1-OR8/ET V R/H SRB SEPAR.	5.200	-4.100	300.000	4.520	LREF 1290.3000 INCHES
(RTU237)	AEDC/VA528(IAB7)-O1ETIS1-OR8/ET V R/H SRB SEPAR.	-4.900	-4.100	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

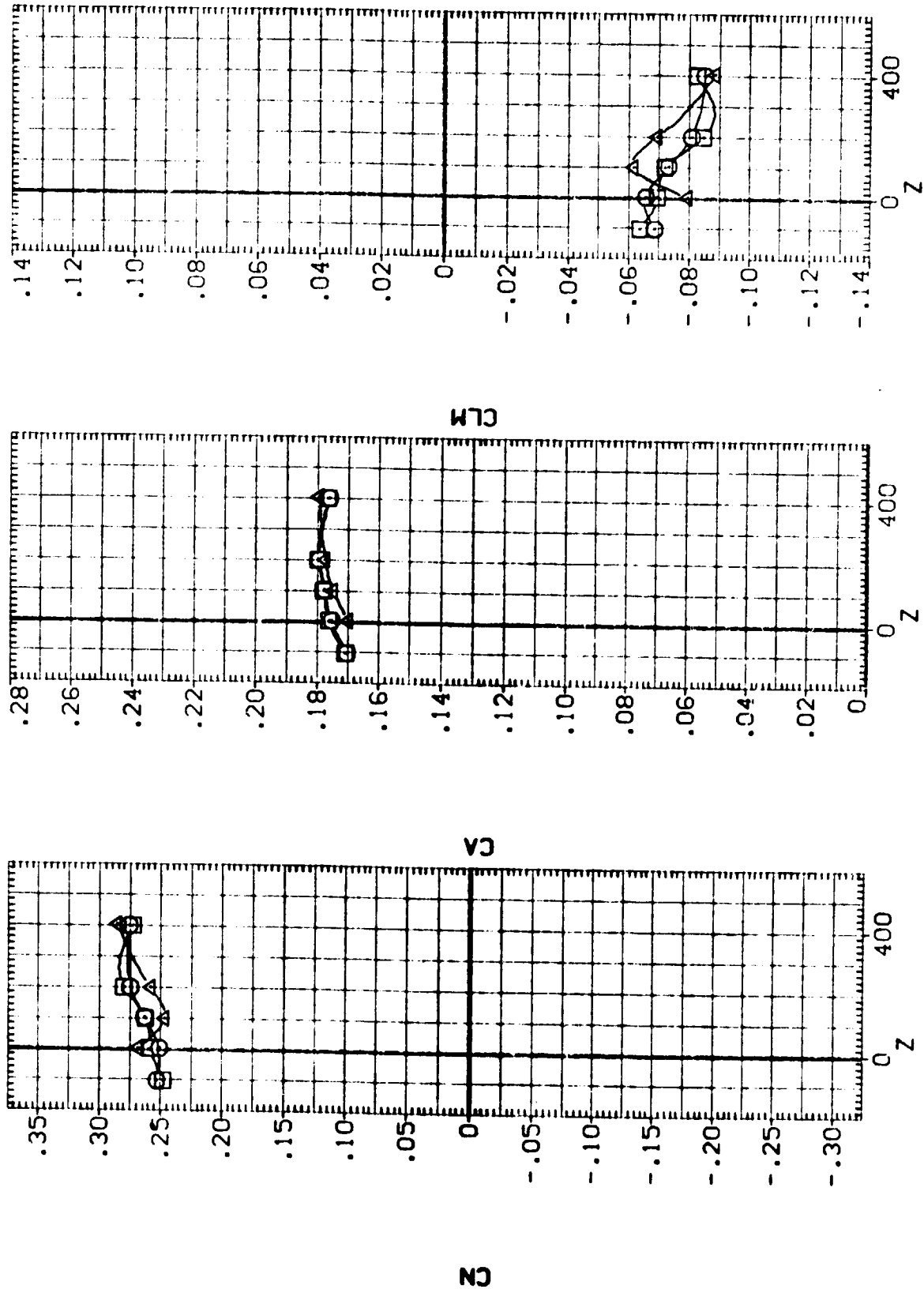


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU234) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

(RTU235) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

(RTU237) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.

REF 1290.3000 INCHES

BREF 1290.3000 INCHES

XMRP 1097.0000 IN. XT

VMRP .0000 IN. YT

ZMRP 450.0000 IN. ZT

SCALE 450.0100

MACH 4.520

4.520

4.520

4.520

X 300.000

300.000

300.000

300.000

DBETA -4.100

-4.100

-4.100

-4.100

DALPHA .200

.200

.200

.200

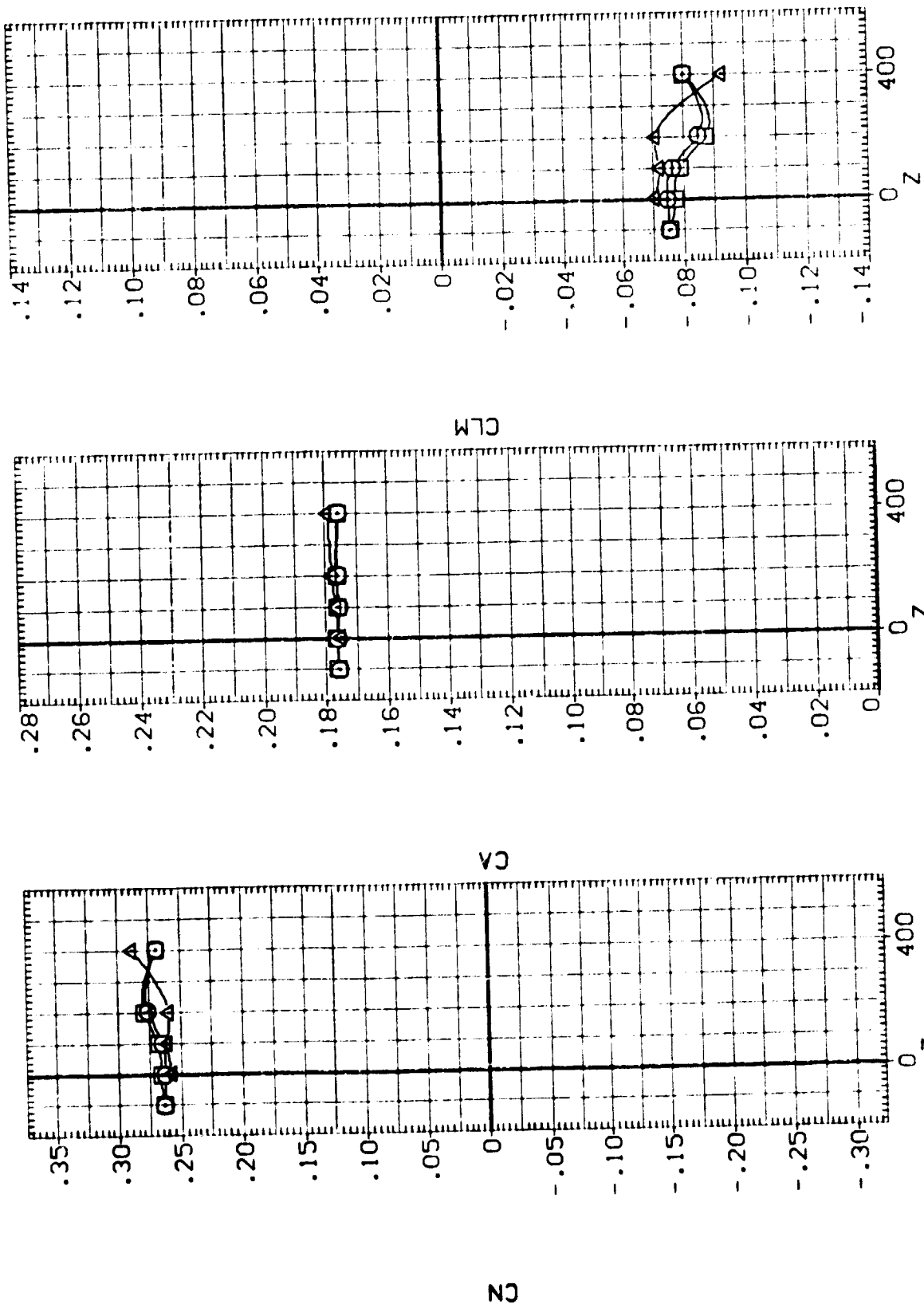


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU234)	AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	.200	-4.100	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU235)	AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	5.200	-4.100	300.000	4.520	LREF 1290.3000 INCHES
(RTU237)	AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.	-4.900	-4.100	300.000	4.520	BREF 1240.3000 INCHES
						YMRP 1097.0000 IN. XT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

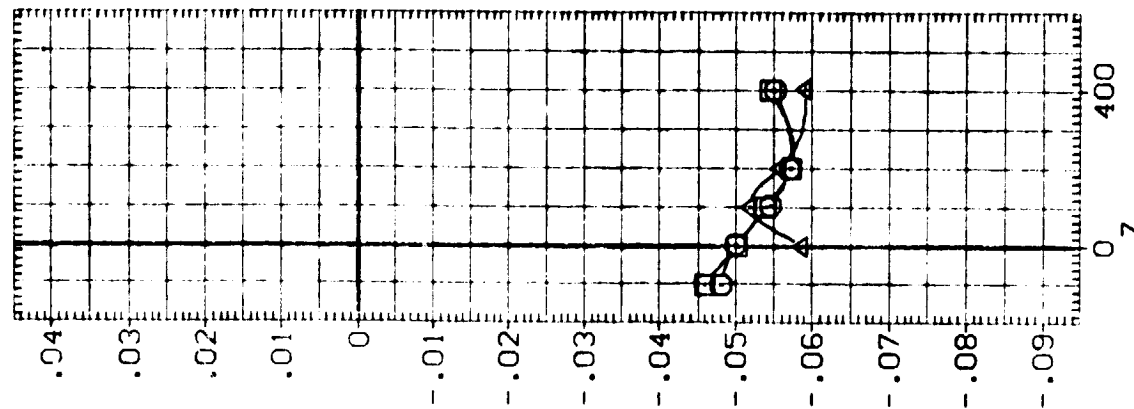
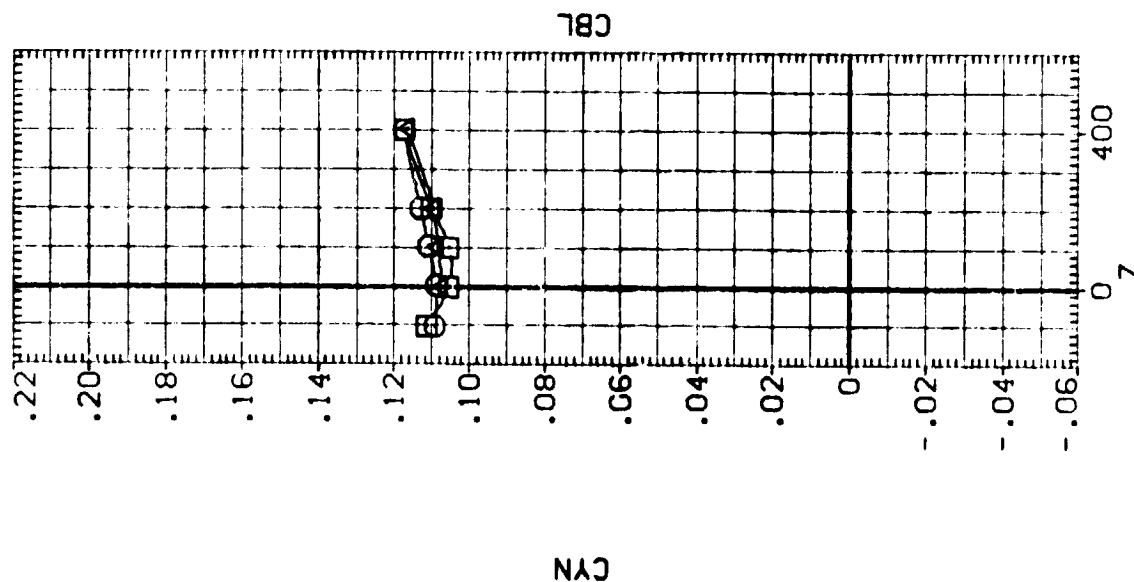
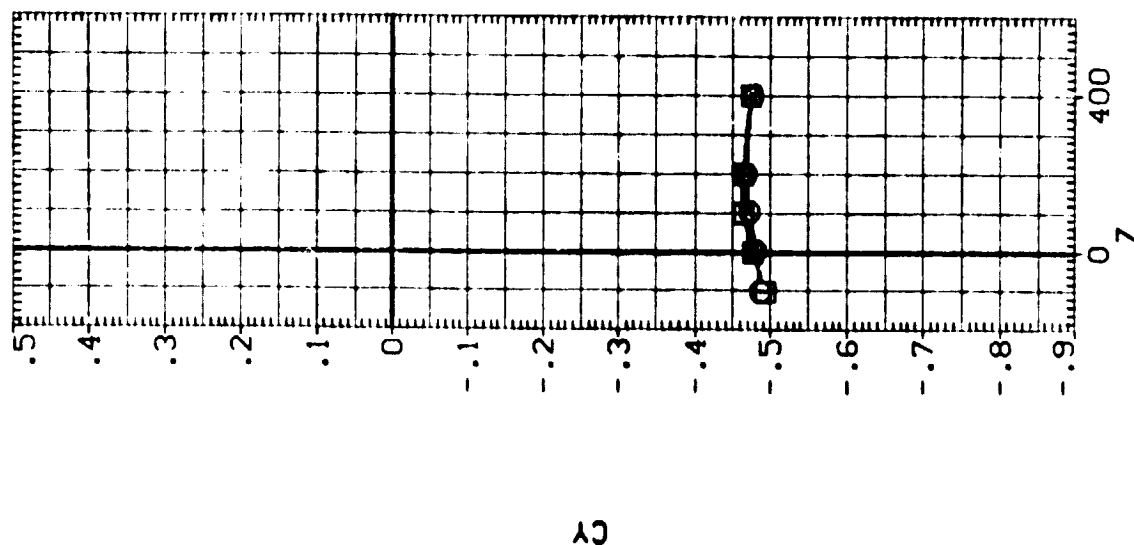


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU234)	AEDC/VAS28(IAB7)-01ET1S1-0RB/ET	200	-4.100	300.000	4.520	SREF 2650.0000 SQ.FT.
(RTU235)	AEDC/VAS28(IAB7)-01ET1S1-0RB/ET	5.200	-4.100	300.000	4.520	LREF 1290.3000 INCHES
(RTU237)	AEDC/VAS28(IAB7)-01ET1S1-0RB/ET	-4.900	-4.100	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

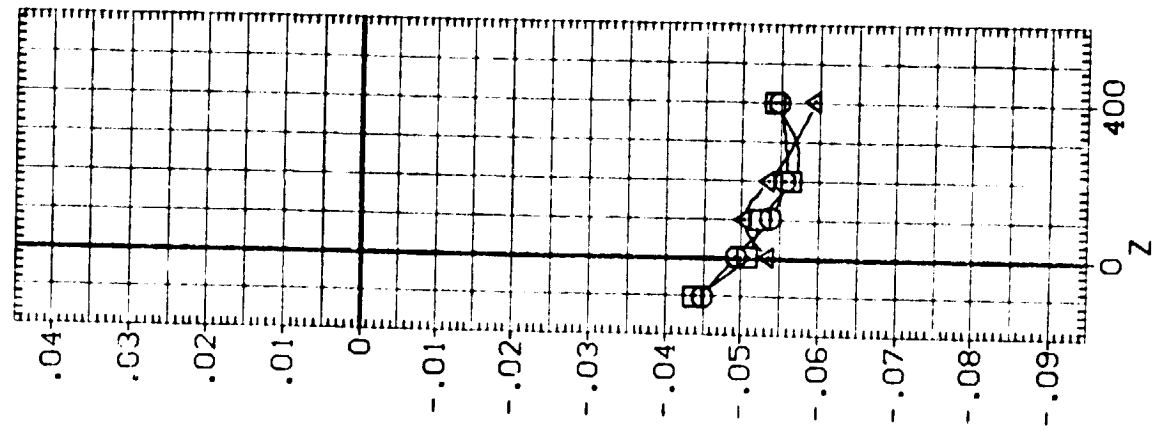
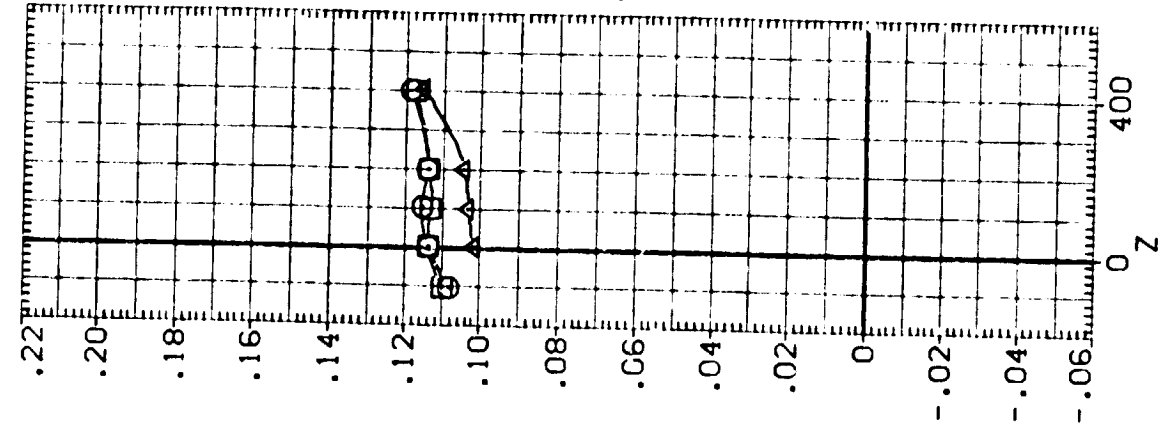
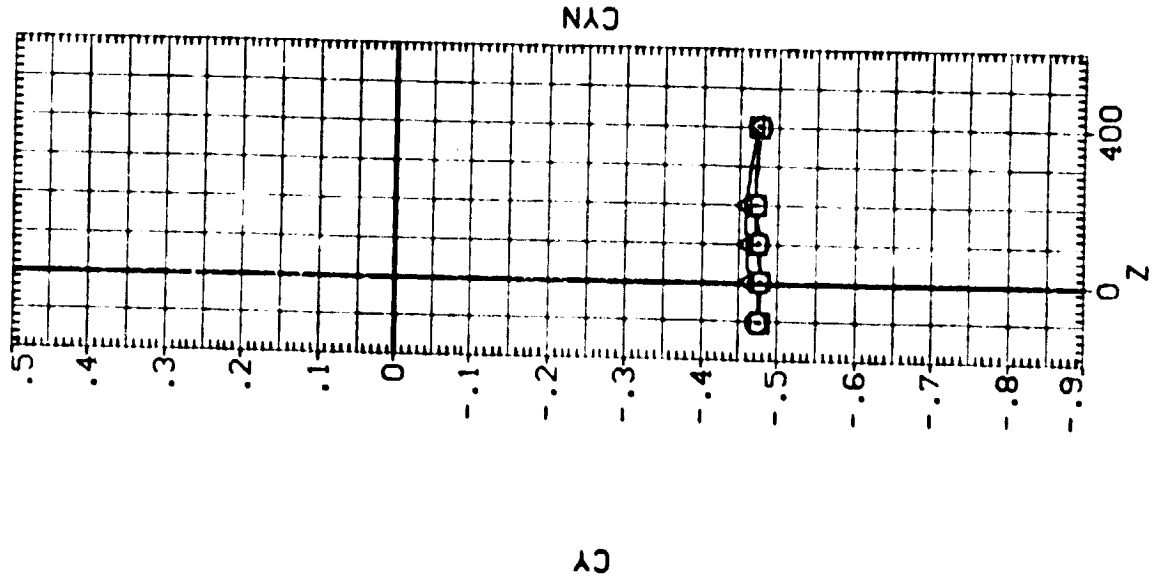


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)  
(CY) =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU234)	AEDC/VA528(1A87)-01ETISI-0RB/ET	200	-4.100	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU235)	AEDC/VA528(1A87)-01ETISI-0RB/ET	5.200	-4.100	300.000	4.520	LREF 1290.3000 INCHES
(RTU237)	AEDC/VA528(1A87)-01ETISI-0RB/ET	-4.900	-4.100	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. YI
						ZMRP 450.0000 IN. ZI
						SCALE .0100

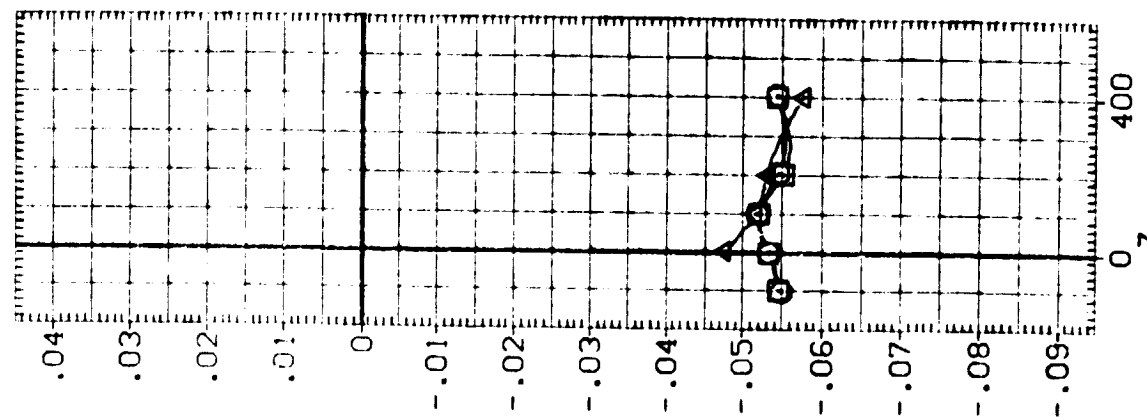
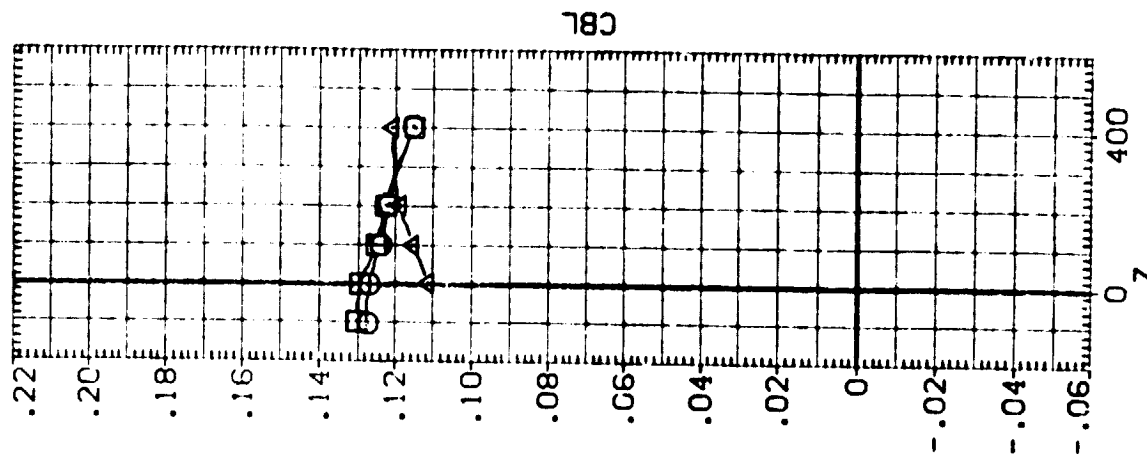
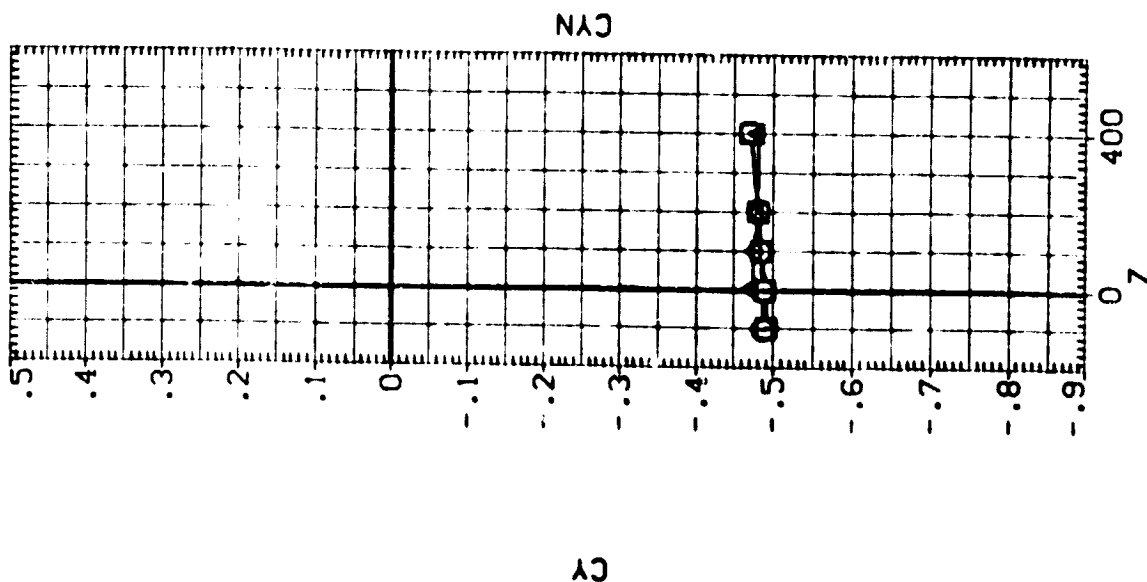


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(O)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	MACH	REFERENCE INFORMATION
(RTU239)	AEDC/VA528(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.	.200	-8.100	4.520	SREF 2690.0000 SQ.FT.
(RTU242)	AEDC/VA528(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.	5.200	-8.100	4.520	LREF 1290.3000 INCHES
(RTU243)	AEDC/VA528(1A87)-01ET1S1-OR8/ET V R/H SRB SEPAR.	-4.900	-8.100	4.520	BREF 1290.3000 INCHES
					XMRP 1097.0000 IN. XT
					YMRP .0000 IN. YT
					ZMRP 450.0000 IN. ZT
					SCALE .0100

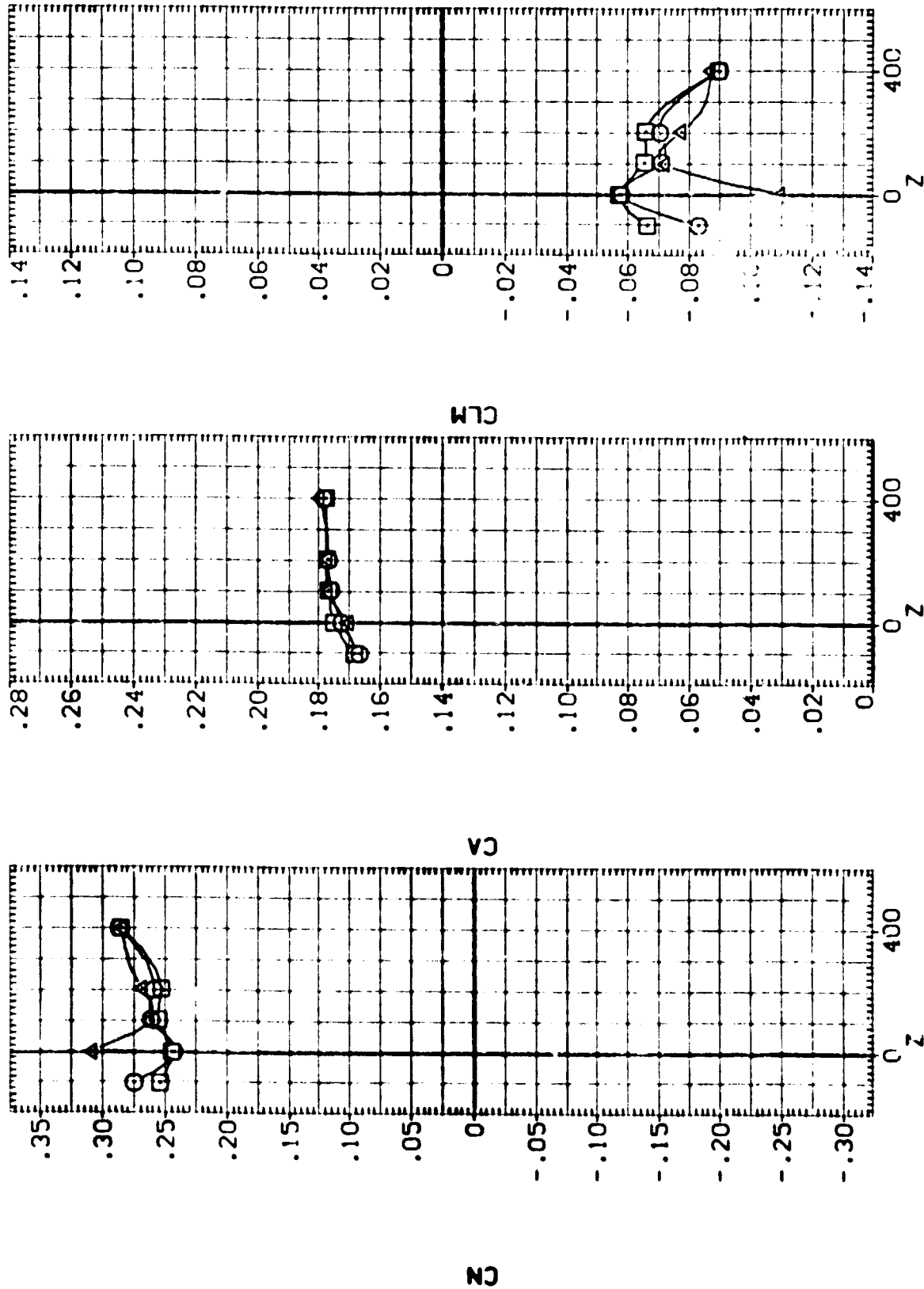


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =200.00

DATA SET SYMB. CONFIGURATION DESCRIPTION

DATA SET SYMB.	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU230)	AEDC/VAS281(A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.	.200	-8.100	.000	4.520	SREF 2650.0000 SO.FT.
(RTU242)	AEDC/VAS281(A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.	.200	-8.100	.000	4.520	LREF 1290.3000 INCHES
(RTU243)	AEDC/VAS281(A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.	-4.500	-8.100	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

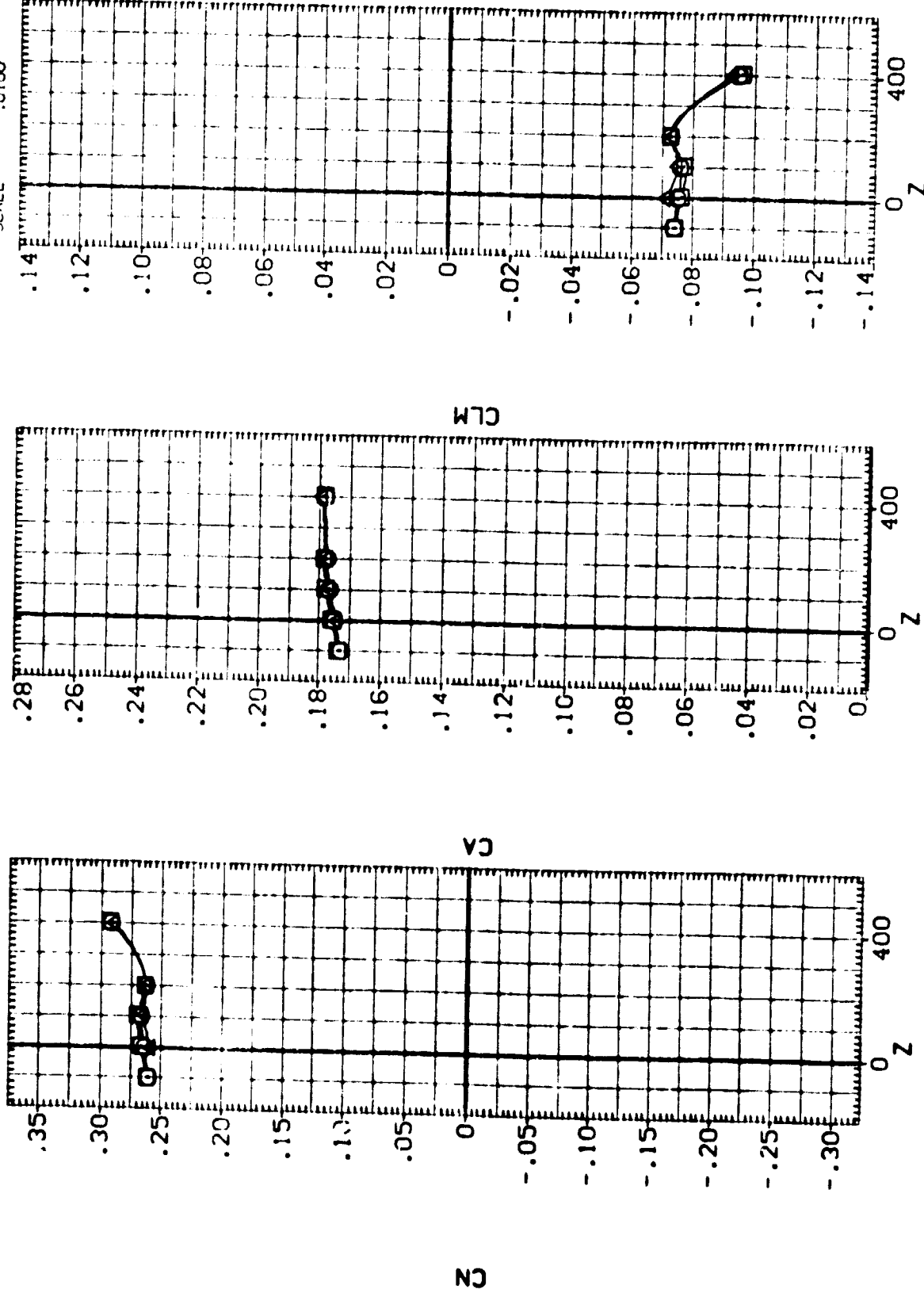


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(D)Y =400.00

DATA SET SYMBOL: CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

DATA SET SYMBOL: CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

DATA SET SYMBOL: CONFIGURATION DESCRIPTION: AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR. AEDC/VAS28(1A87)-O1ET1S1-O8B/ET V R/H SRB SEPAR.

REFERENCE INFORMATION: SREF 2690.0000 SQ. FT. SREF 1290.3000 INCHES SREF 1290.3000 INCHES XREF 1037.0000 IN. XT YREF 450.0000 IN. YT ZREF 450.0000 IN. ZT SCALE 0.00

MACH 4.520 .000 DALPHA DBETA .200 -8.100 .200 -8.100 5.200 -8.100 -4.900

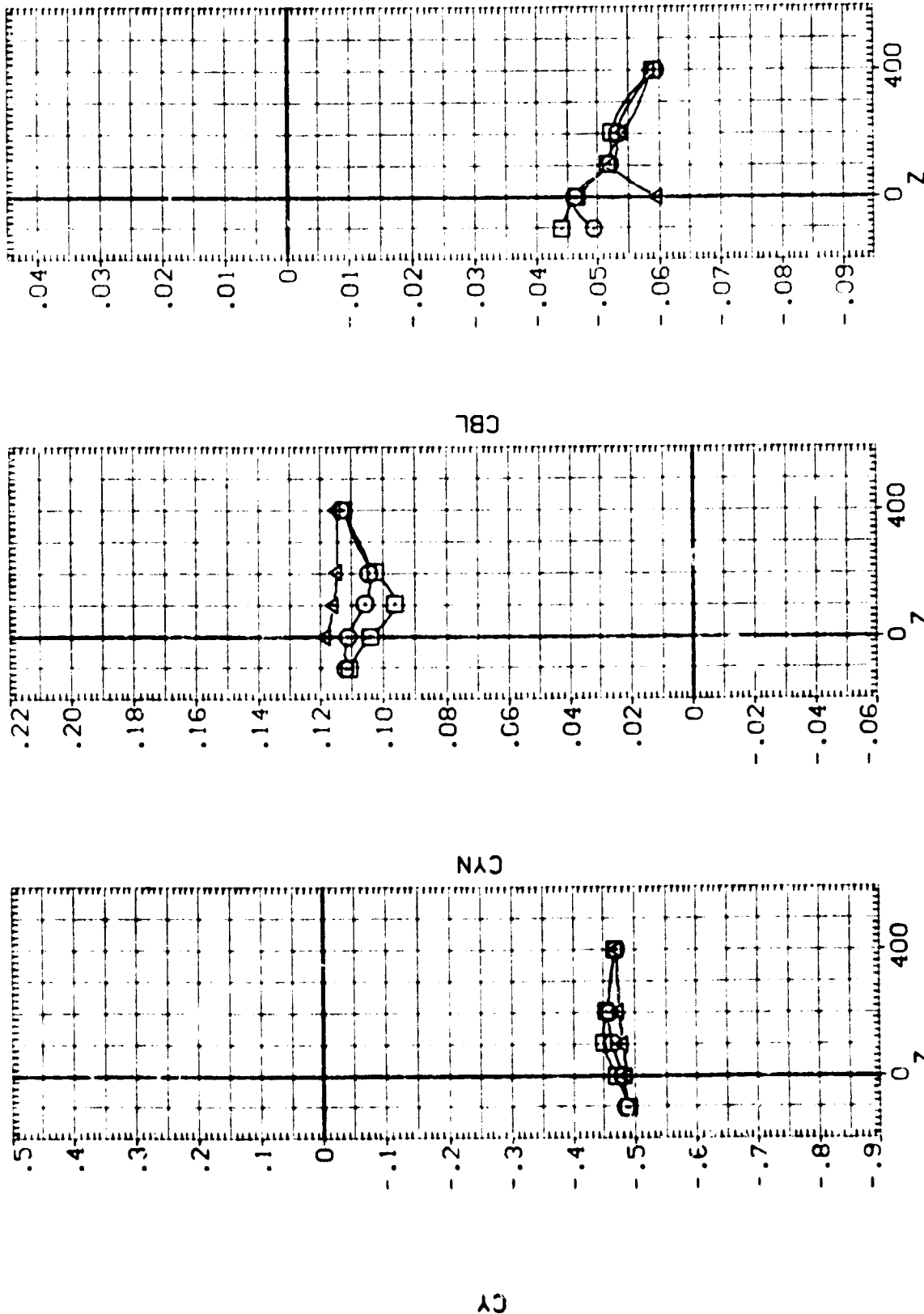


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(CY) = 200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU239)	AEDC/VA5281(A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.200	-8.100	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU242)	AEDC/VA5281(A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	5.200	-8.100	.000	4.520	LREF 1290.3000 INCHES
(RTU243)	AEDC/VA5281(A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	-4.900	-8.100	.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

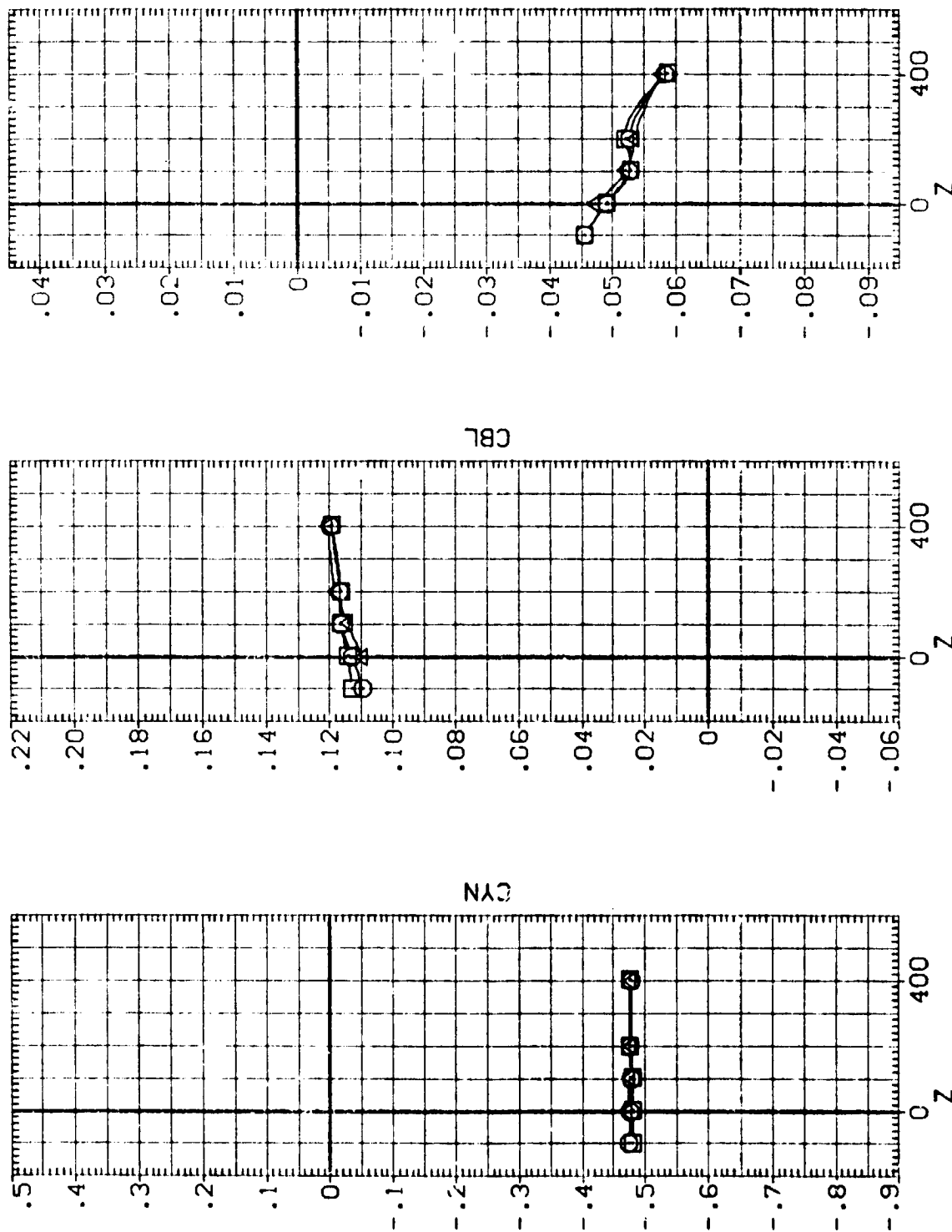


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(D)Y =400.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU240)	AEDC/VA528(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION			
(RTU241)	AEDC/VA528(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR.	.200	-8.100	300.000	4.520	SREF	2690.0000	50. FT.	
(RTU244)	AEDC/VA528(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR.	5.200	-8.100	300.000	4.520	LREF	1290.3000	INCHES	
		-4.900	-8.100	300.000	4.520	BREF	1290.3000	INCHES	
						YMRP	1097.0000	IN. XT	
						ZMRP	.0000	IN. YT	
						SCALE	450.0000	IN. ZT	

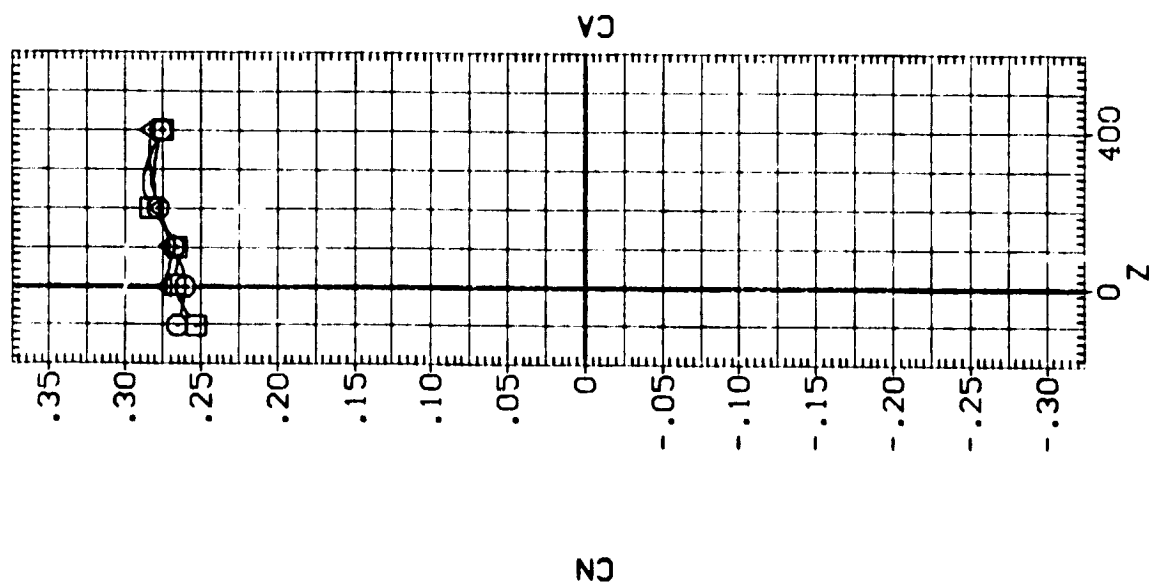


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =200.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU240)  
(RTU241)  
(RTU244)

AEDC/VA528(IAB7)-01ETIS1-OR8/ET V R/H SR8 SEPAR.  
AEDC/VA528(IAB7)-01ETIS1-OR8/ET V R/H SR8 SEPAR.  
AEDC/VA528(IAB7)-01ETIS1-OR8/ET V R/H SR8 SEPAR.

## DALPHA

## DBETA

## X

## MACH

## REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

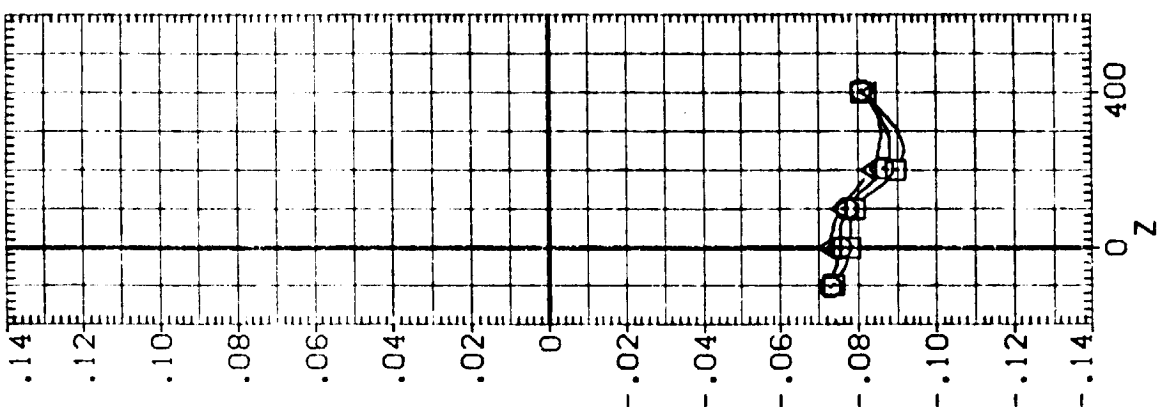
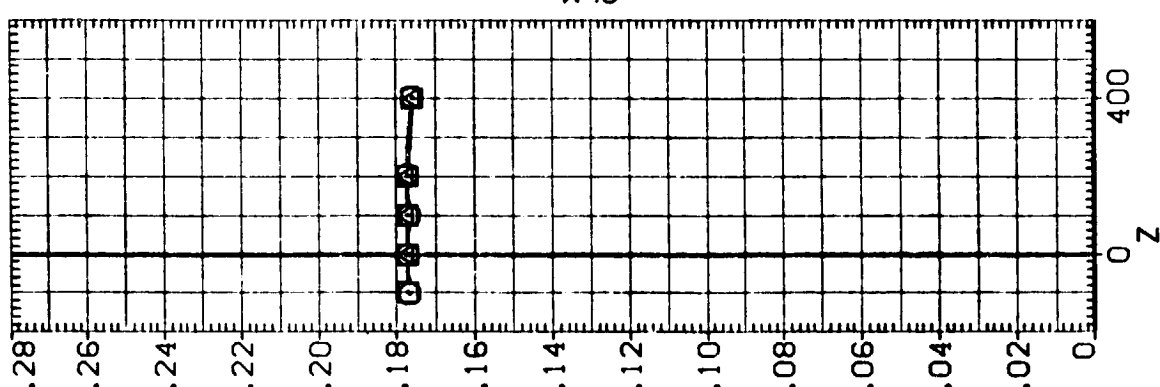
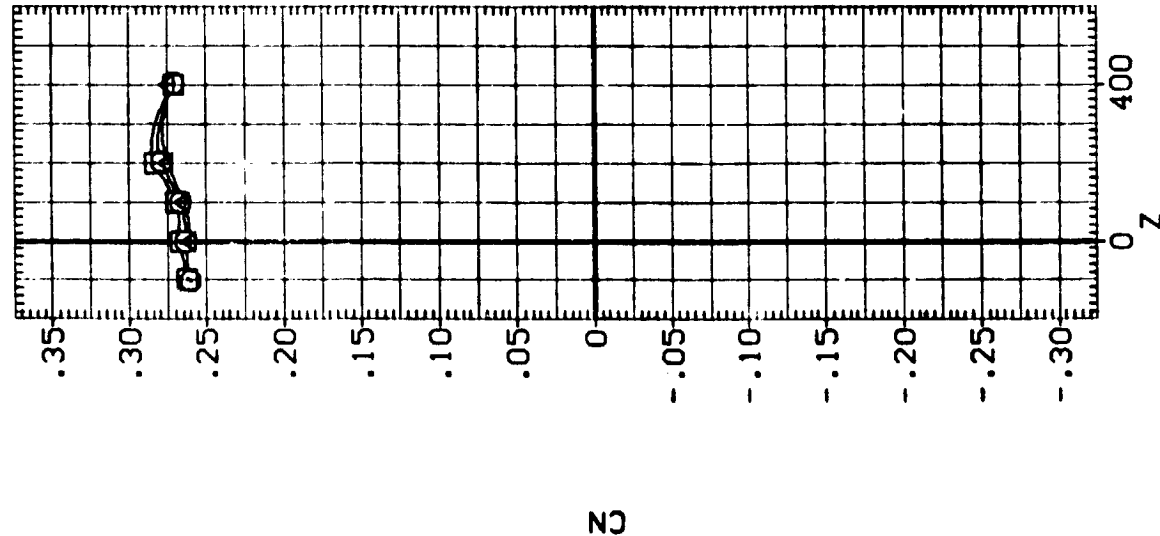


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU240)	AEDC/VAS28(1A87)-01ET:SI-0SRB/ET	200	-8.100	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU241)	AEDC/VAS28(1A87)-01ET:SI-0SRB/ET	5.200	-8.100	300.000	4.520	LREF 1290.3000 INCHES
(RTU244)	AEDC/VAS28(1A87)-01ET:SI-0SRB/ET	-4.900	-8.100	300.000	4.520	BREF 290.3000 IN. XT
						XMRP 1097.0000 IN. YT
						YMRP .0000 IN. ZT
						ZMRP 450.0000
						SCALE .0100

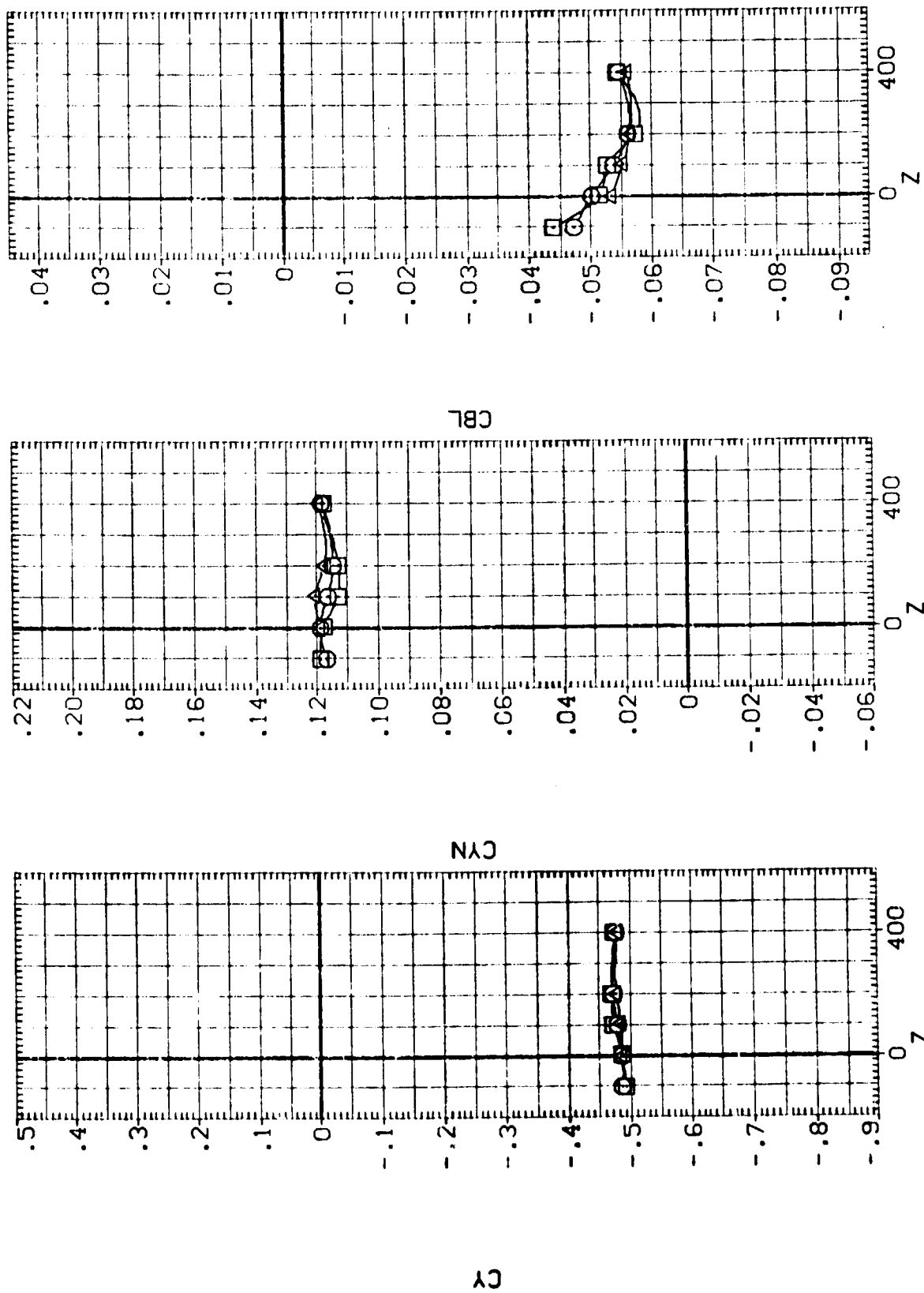


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU240) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

(RTU241) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

(RTU244) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU240) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

(RTU241) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

(RTU244) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU240) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

(RTU241) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

(RTU244) AEDC/VA528(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

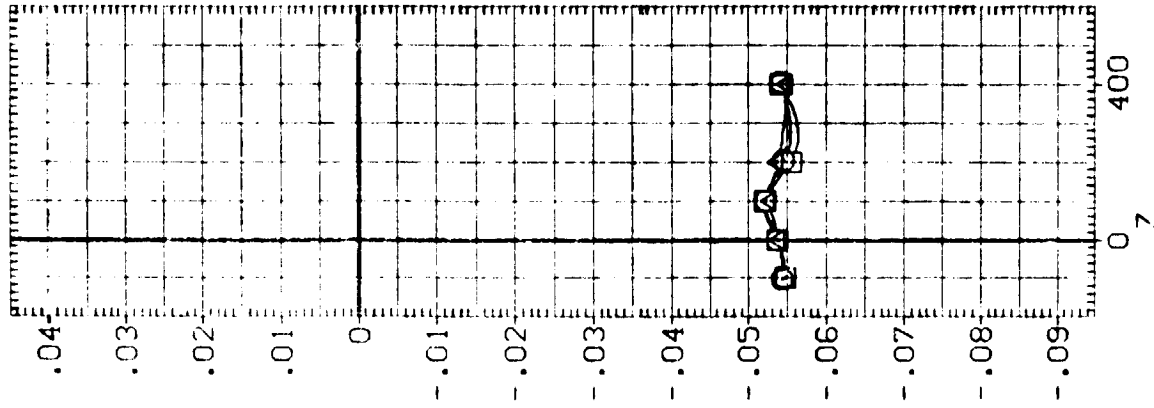
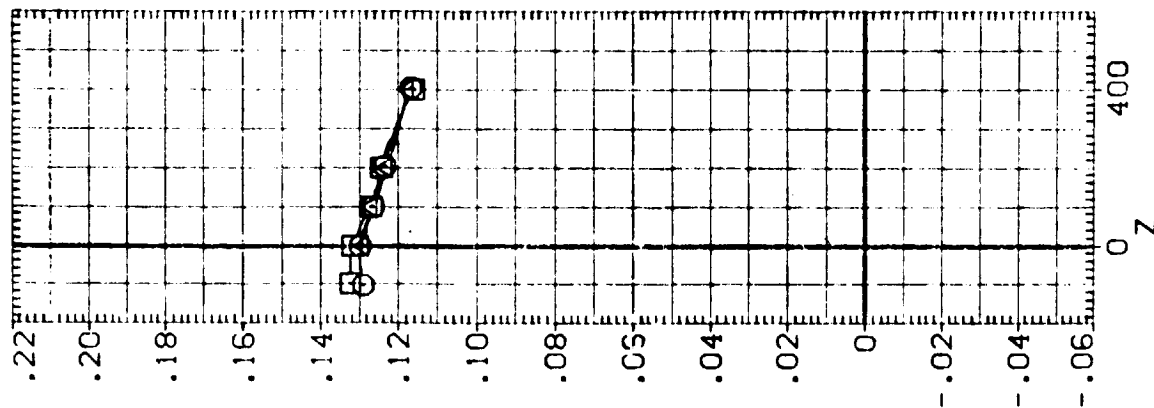
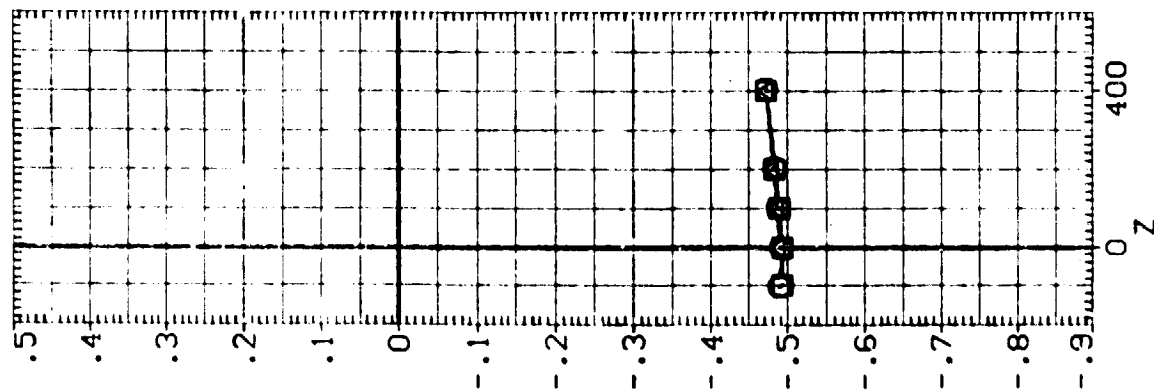


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU245)	AEDC/VA528(1A87)-DIETISI-ORB/ET V R/H SRB SEPAR.	5.200	3.900	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU242)	DATA NOT AVAILABLE	5.200	-8.100	.000	4.520	LREF 1290.3000 INCHES
(RTU236)	DATA NOT AVAILABLE	5.200	-4.100	.000	4.520	BREF 1290.3000 INCHES
(RTU230)	AEDC/VA528(1A87)-DIETISI-ORB/ET V R/H SRB SEPAR.	5.200	-1.100	.000	4.520	XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

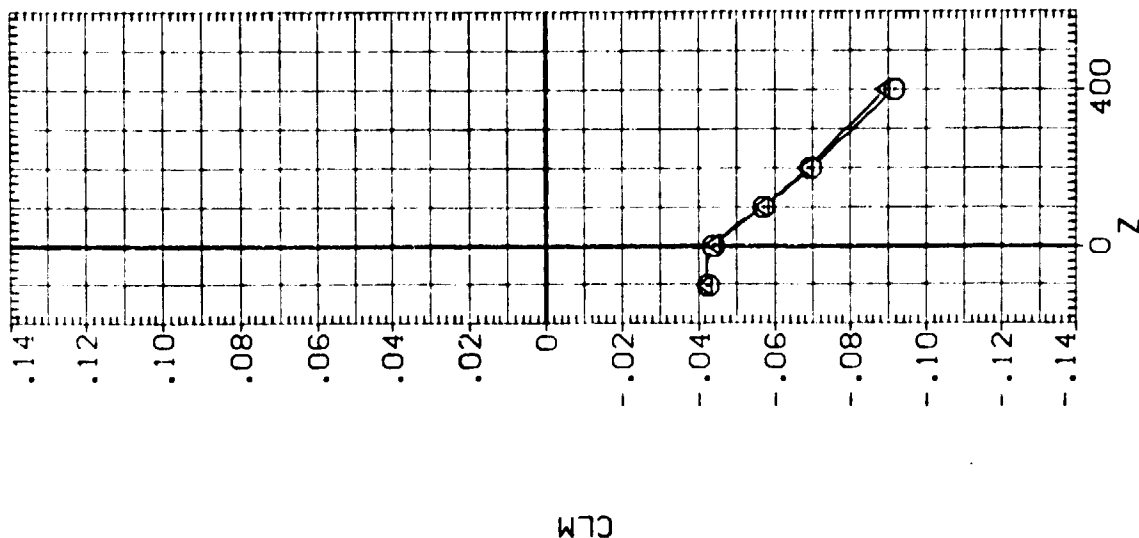
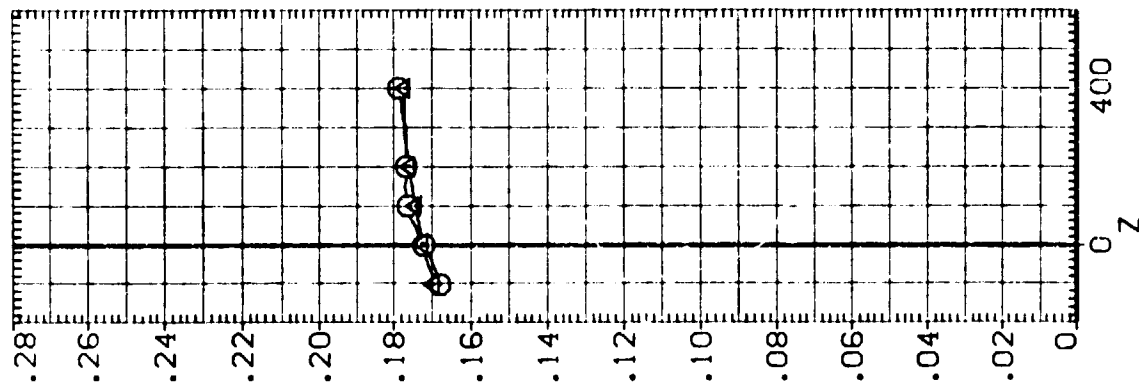
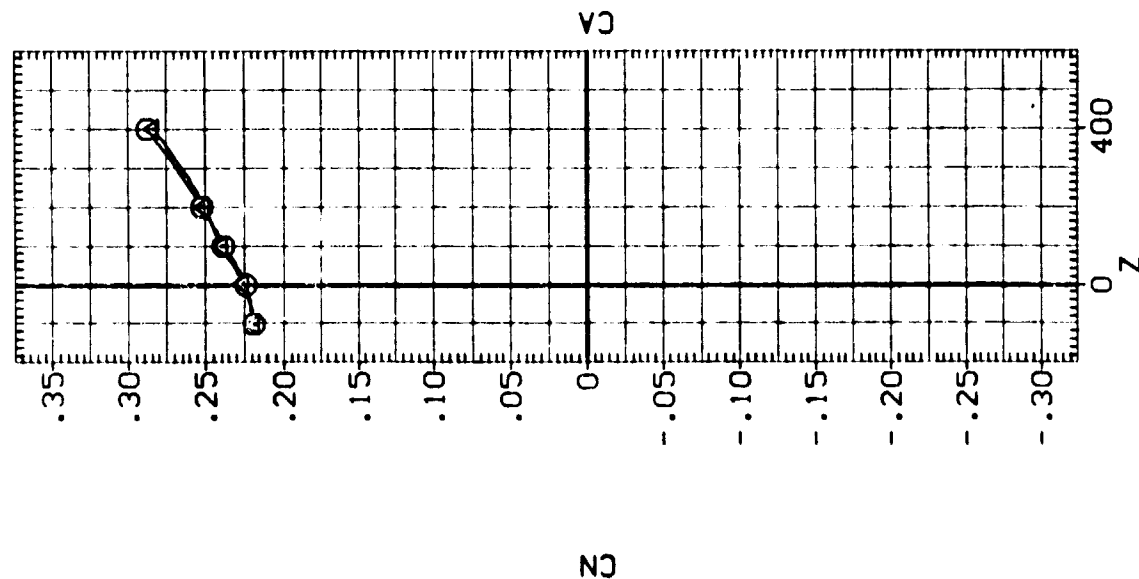


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING ( $\alpha=10.0$  BETA=15.8)

(A)Y = 10.00

# DATA SET SYMBOL

(RTU245)  
(RTU242)  
(RTU236)  
(RTU230)



# CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.  
DATA NOT AVAILABLE  
AEDC/VAS28(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETISI-OR8/ET V R/H SRB SEPAR.

# DALPHA

5.200  
5.200  
5.200  
5.200

# DBETA

3.900  
-8.100  
-4.100  
-1.100

# X

.000  
.000  
.000  
.000

# MACH

4.520  
4.520  
4.520  
4.520

# REFERENCE INFORMATION

SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

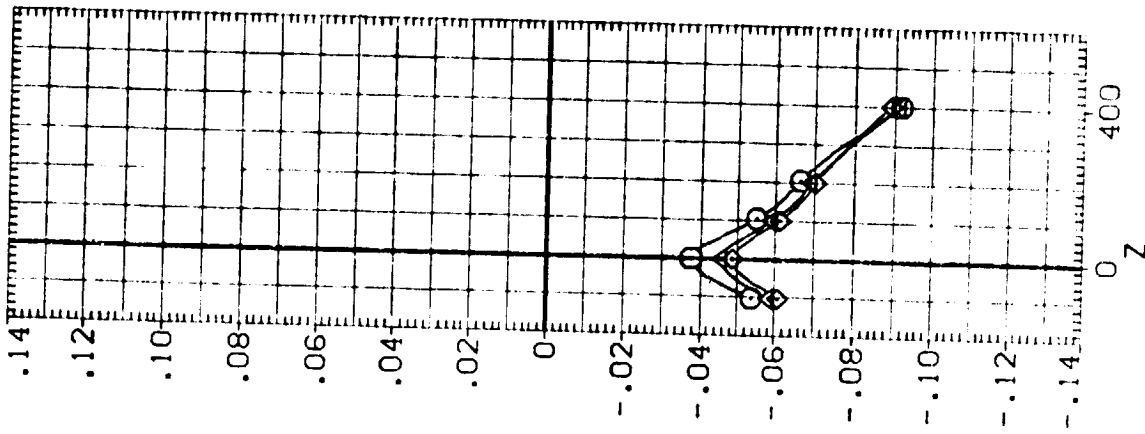
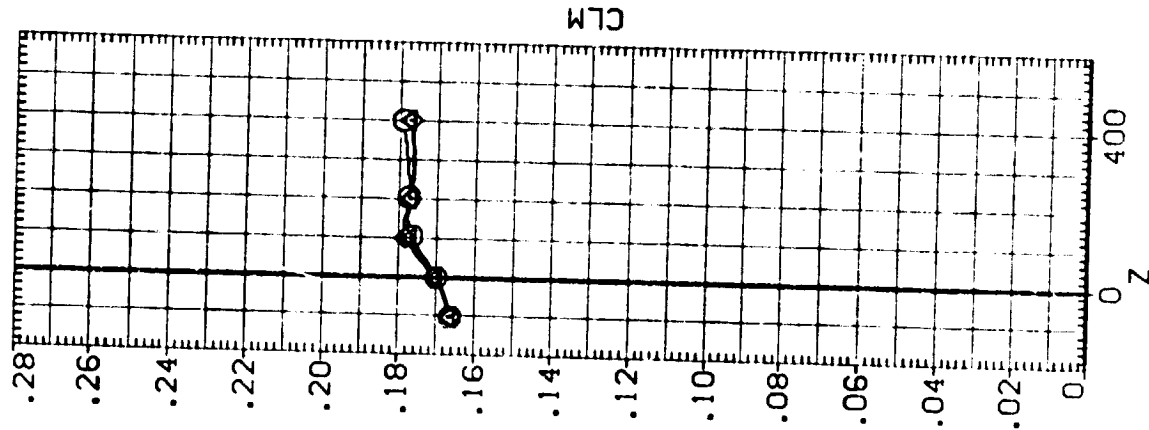
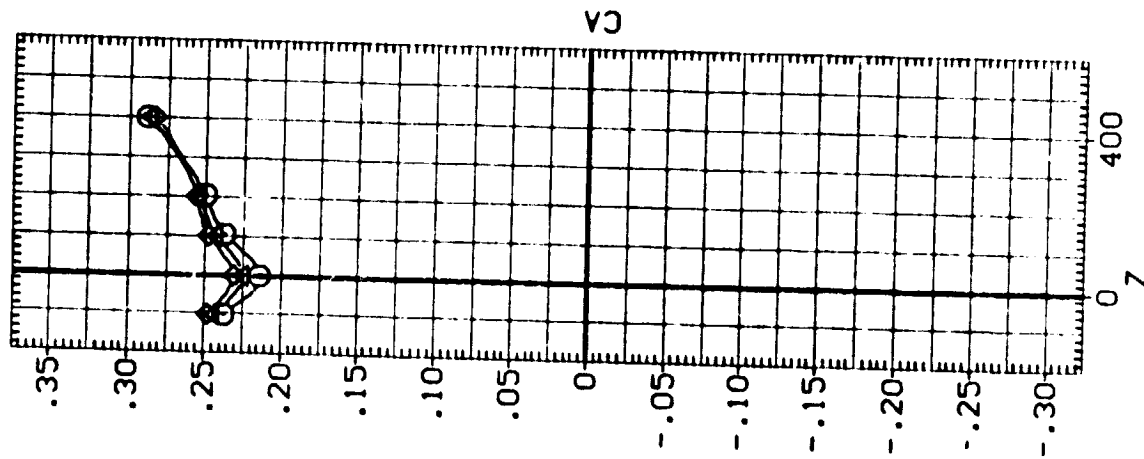


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)  
(B)Y =100.00

DATA SET SYMBOL	CONF	IGURATION	DESCRIPTION	R/H	SRB	SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION	
(RTU245)	AEDC/VAS28	(A87)-01ET	SI-OR8/ET	V	R/H	SRB	SEPAR.	5.200	3.900	4.520	SREF	2690.0000
(RTU242)	AEDC/VAS28	(A87)-01ET	SI-OR8/ET	V	R/H	SRB	SEPAR.	5.200	-8.100	4.520	LREF	1290.3000
(RTU236)	AEDC/VAS28	(A87)-01ET	SI-OR8/ET	V	R/H	SRB	SEPAR.	5.200	-4.100	4.520	BREF	1290.3000
(RTU230)	AEDC/VAS28	(A87)-01ET	SI-OR8/ET	V	R/H	SRB	SEPAR.	5.200	-1.100	4.520	XMRF	1097.0000
											YMRP	0.0000
											ZMRP	450.0000
											SCALE	0.0100
											IN. XT	IN. YT
											IN. ZT	

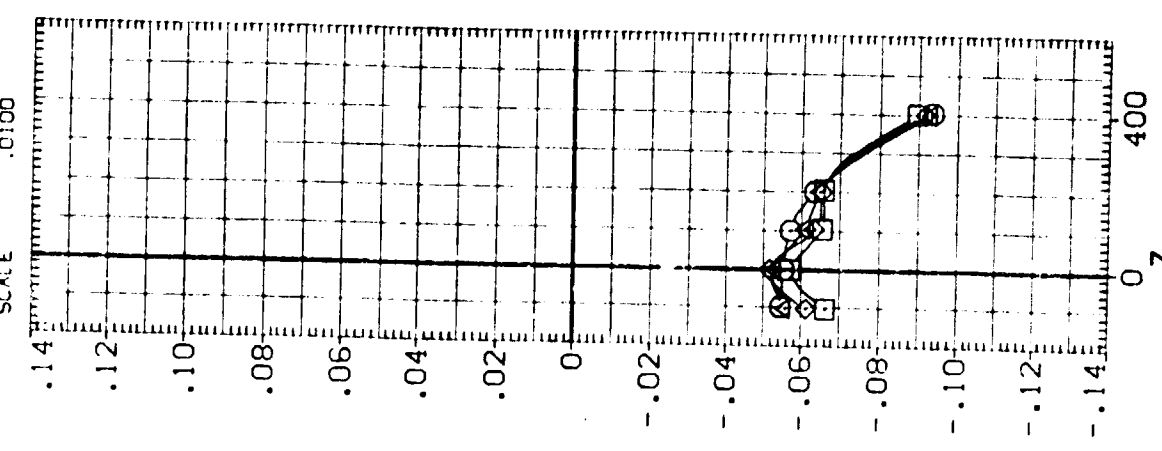
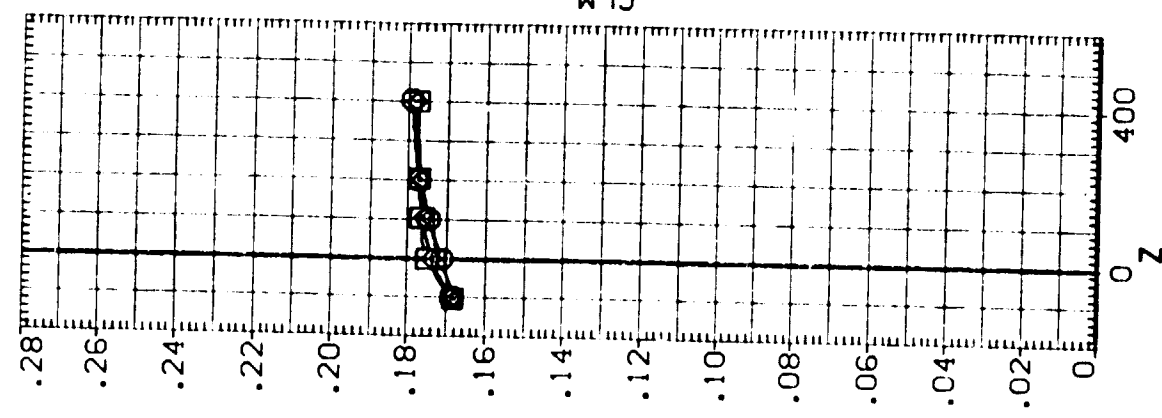
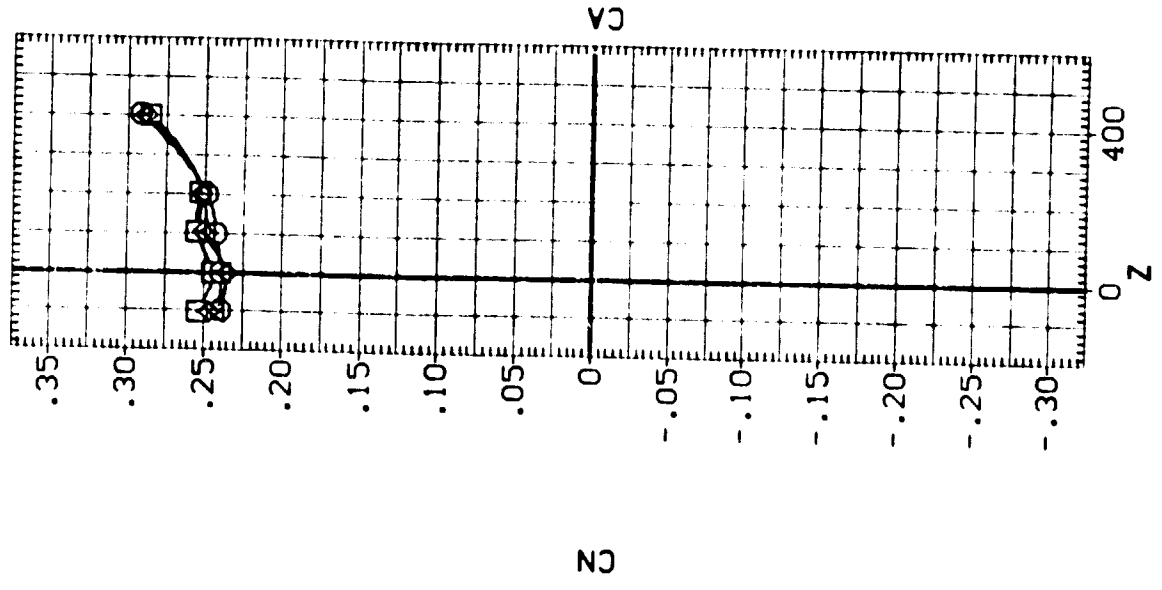


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)  
(C)Y =200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU245) DATA NOT AVAILABLE  
 (RTU242) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU238) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU230) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU245) DATA NOT AVAILABLE  
 (RTU242) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU238) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU230) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU245) DATA NOT AVAILABLE  
 (RTU242) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU238) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU230) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU245) DATA NOT AVAILABLE  
 (RTU242) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU238) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU230) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU245) DATA NOT AVAILABLE  
 (RTU242) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU238) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU230) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU245) DATA NOT AVAILABLE  
 (RTU242) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU238) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU230) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU245) DATA NOT AVAILABLE  
 (RTU242) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU238) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU230) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU245) DATA NOT AVAILABLE  
 (RTU242) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU238) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.  
 (RTU230) AEDC/VAS28(IAB7)-O1ETIS1-CRB/ET V R/H SRB SEPAR.

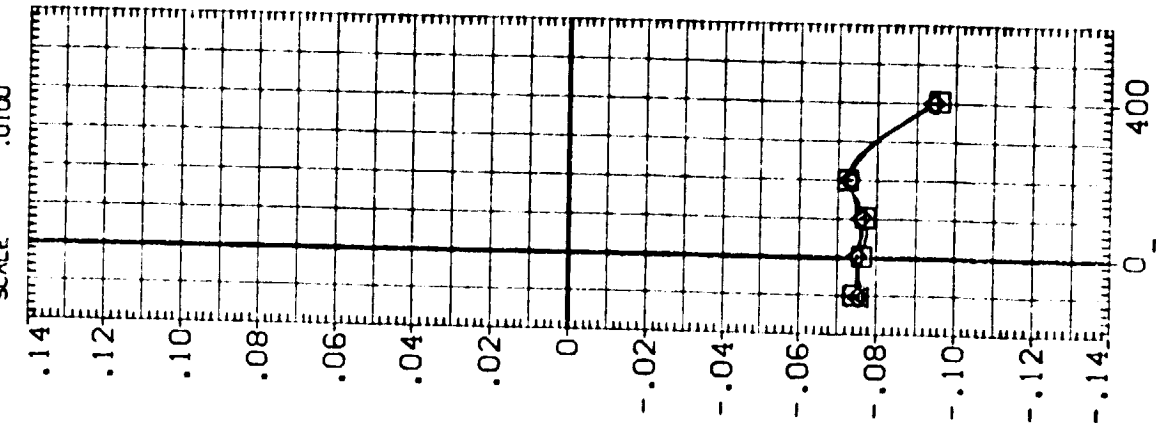
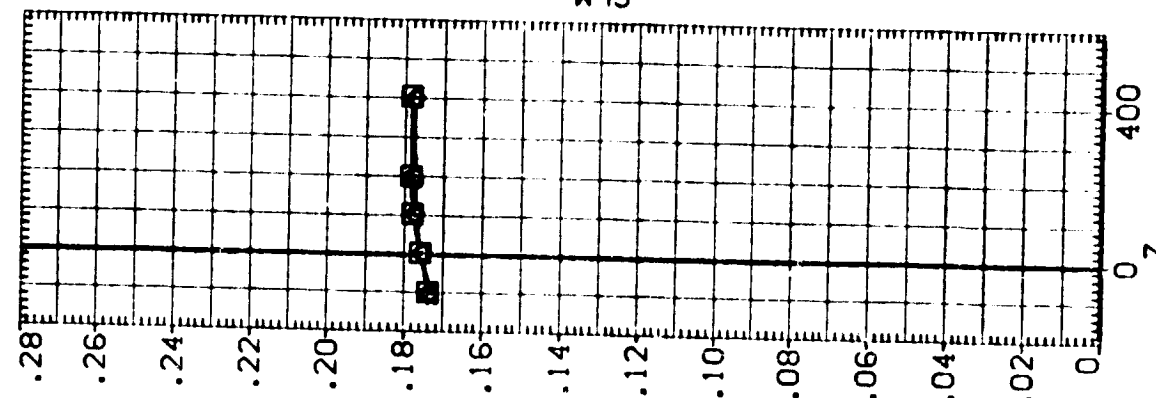
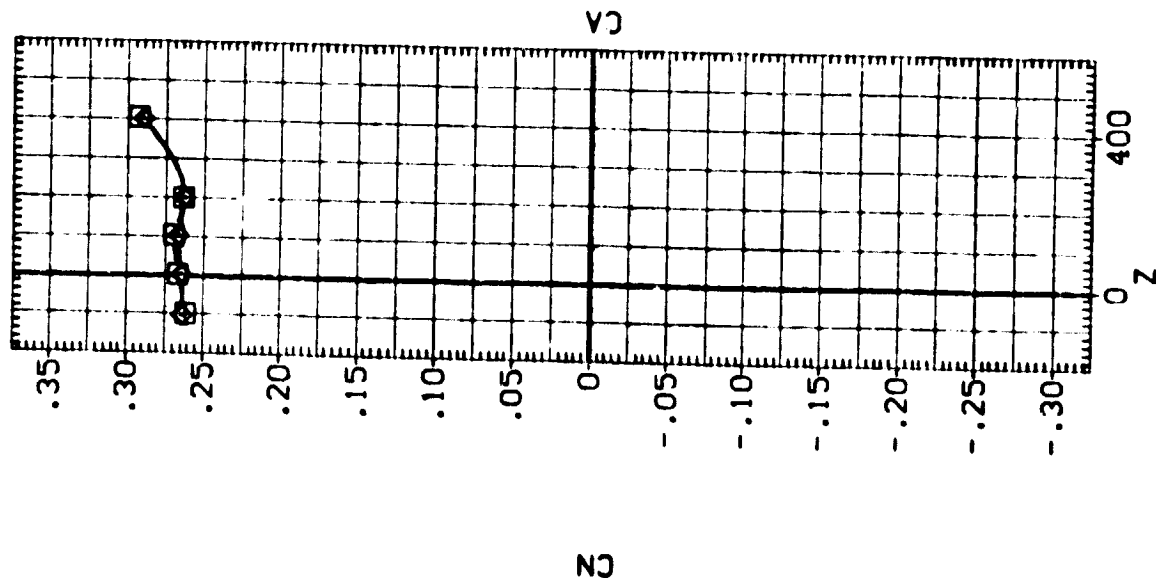


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)  
 (D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU245)	AEDC/VA528(TAB71)-O1ET1S1-OR8/ET V R/H SR8 SEPAR.	5.200	3.900	.000	4.520	SREF 2690.0000 SO.FT.
(RTU242)	DATA NOT AVAILABLE	5.200	-8.100	.000	4.520	LREF 1290.3000 INCHES
(RTU236)	DATA NOT AVAILABLE	5.200	-4.100	.000	4.520	BREF 1290.3000 INCHES
(RTU230)	AEDC/VA528(TAB71)-O1ET1S1-OR8/ET V R/H SR8 SEPAR.	5.200	-1.100	.000	4.520	XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

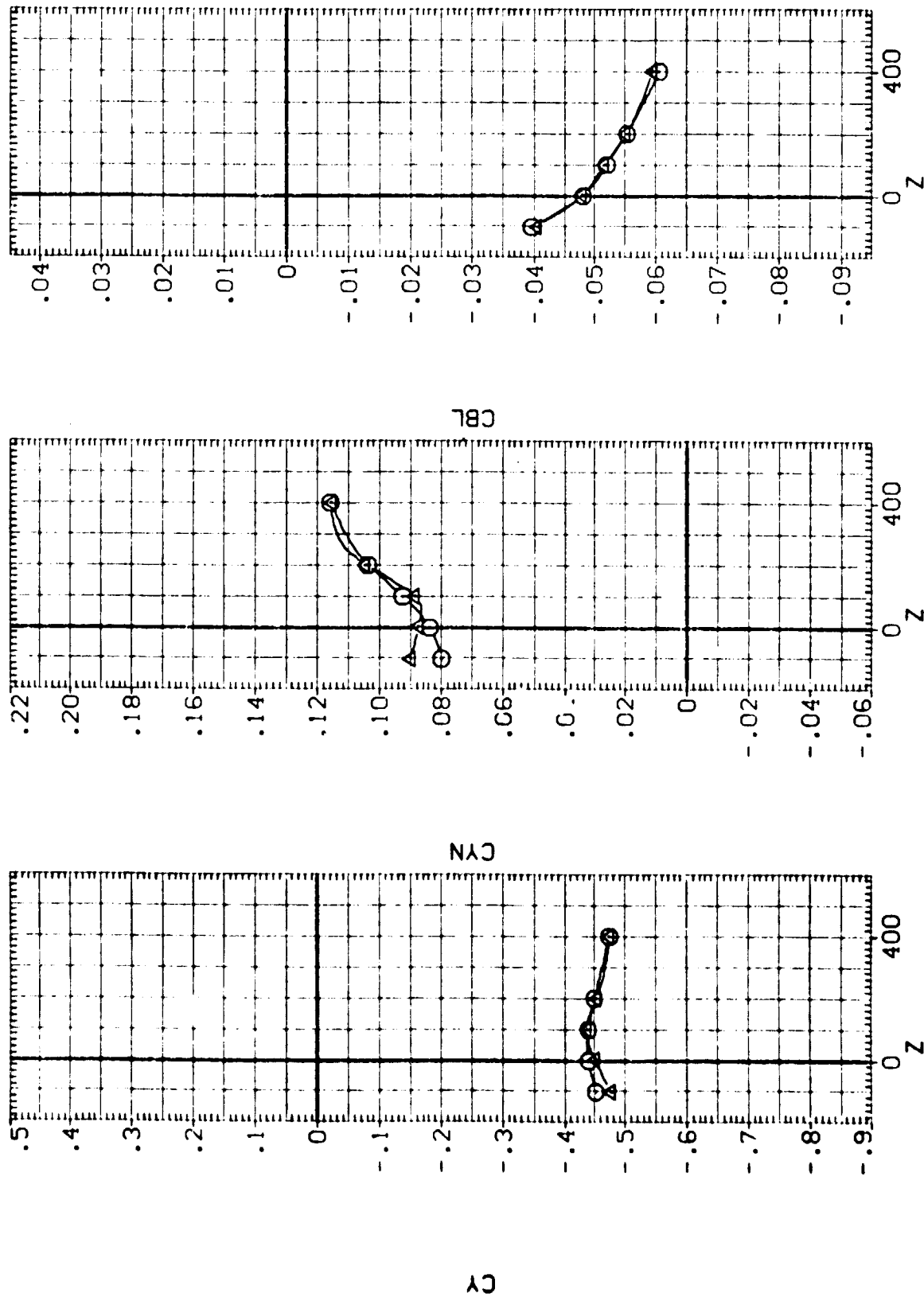


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU245)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	5.200	3.900	.000	4.520	SREF 2590.0000 SO.FT.
(RTU242)	DATA NOT AVAILABLE	5.200	-8.100	.000	4.520	LREF 1290.3000 INCHES
(RTU236)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	5.200	-4.100	.000	4.520	BREF 1290.3000 INCHES
(RTU230)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	5.200	-.100	.000	4.520	VMRP .0000 IN. YZ
						ZMRP .0000 IN. YZ
						SCALE .0100

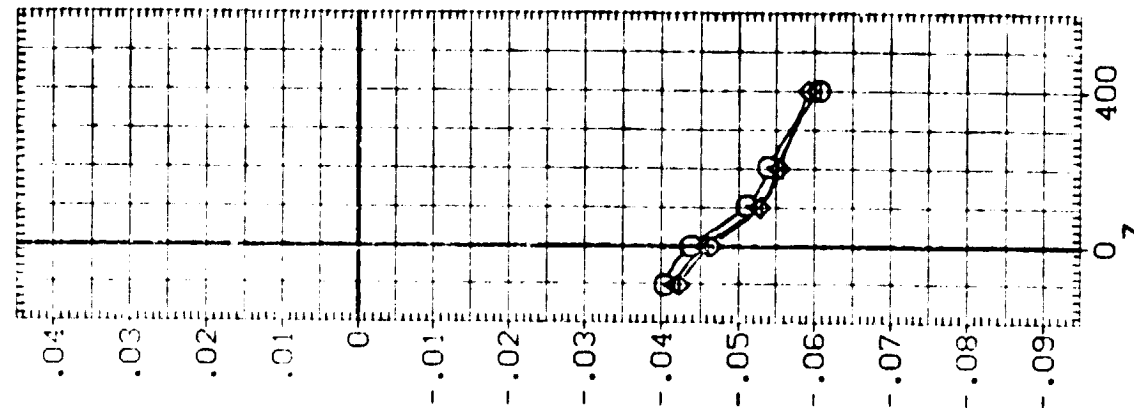
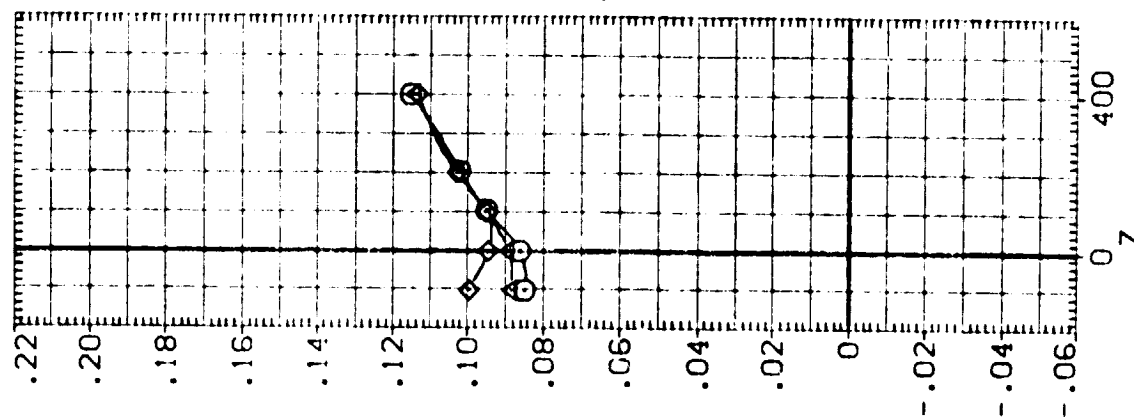
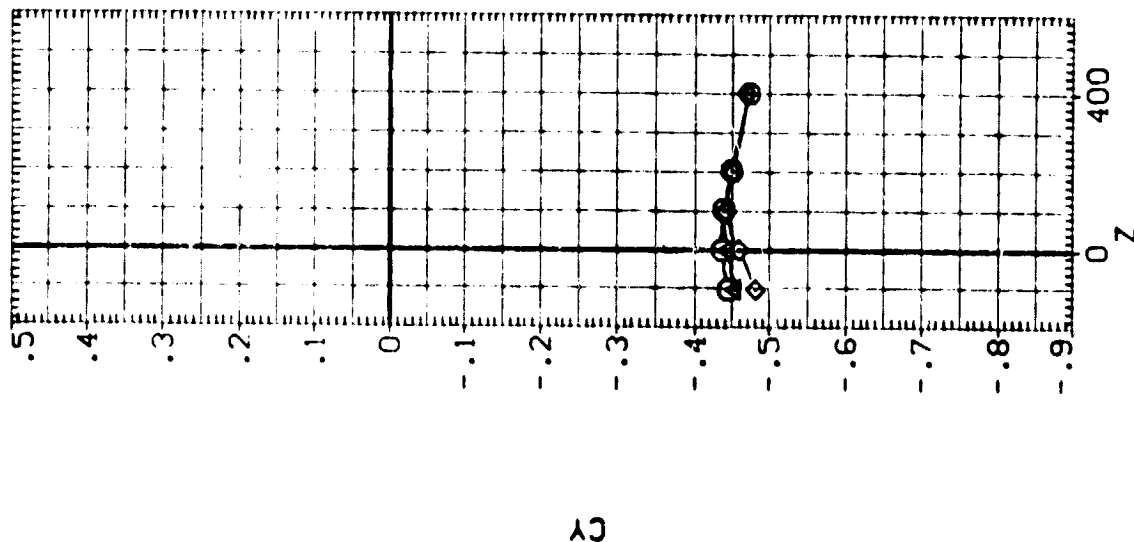


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(B)Y = 100.00





# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU245)  
(RTU242)  
(RTU236)  
(RTU230)

DATA NOT AVAILABLE  
AEDC/VAS28(IAB7)-O1ETIS1  
AEDC/VAS28(IAB7)-O1ETIS1  
AEDC/VAS28(IAB7)-O1ETIS1

R/H SRB SEPAR.  
R/H SRB SEPAR.  
R/H SRB SEPAR.

DALPHA DBETA  
5.200 3.900  
5.200 -8.100  
5.200 -4.100  
5.200 -1.100

MACH X  
4.520 .000  
4.520 .000  
4.520 .000  
4.520 .000

REFERENCE INFORMATION  
SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
KREF 1097.0000 IN. XT  
VREF 450.0000 IN. VT  
SCALE 10100

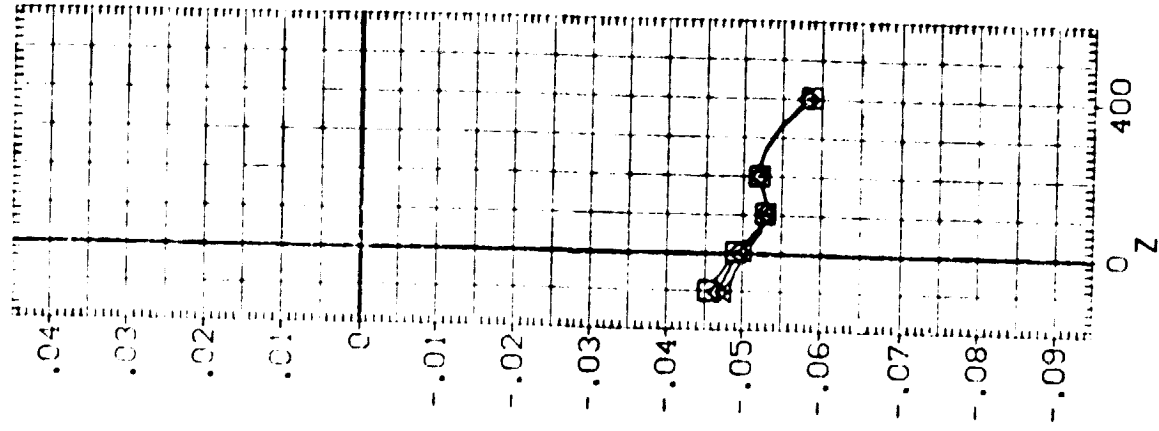
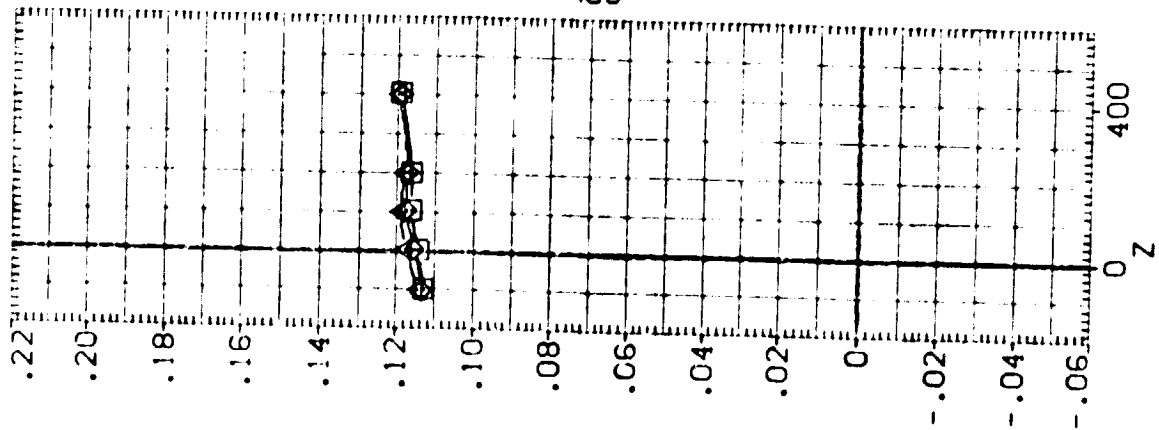
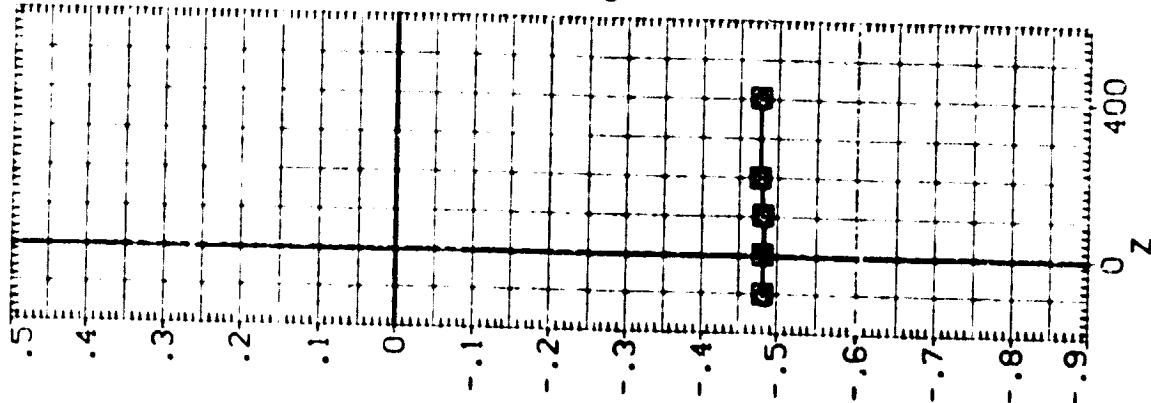


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(O)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	MACH	REFERENCE INFORMATION
(RTU246)	AEDC/VA528:(A87)-01ET1S1-088/ET V R/H SRB SEPAR.	5.200	3.500	4.520	SREF 2690.0000 SQ.FT.
(RTU241)	DATA NOT AVAILABLE	5.200	-8.100	4.520	LREF 1290.3000 INCHES
(RTU235)	DATA NOT AVAILABLE	5.200	-4.100	4.520	BREF 1290.3000 INCHES
(RTU229)	AEDC/VA528:(A87)-01ET1S1-088/ET V R/H SRB SEPAR.	5.200	-1.100	4.520	XMRP 1097.0000 IN. XT
					YMRP .0000 IN. YT
					ZMRP 450.0000 IN. ZY
					SCALE .0100

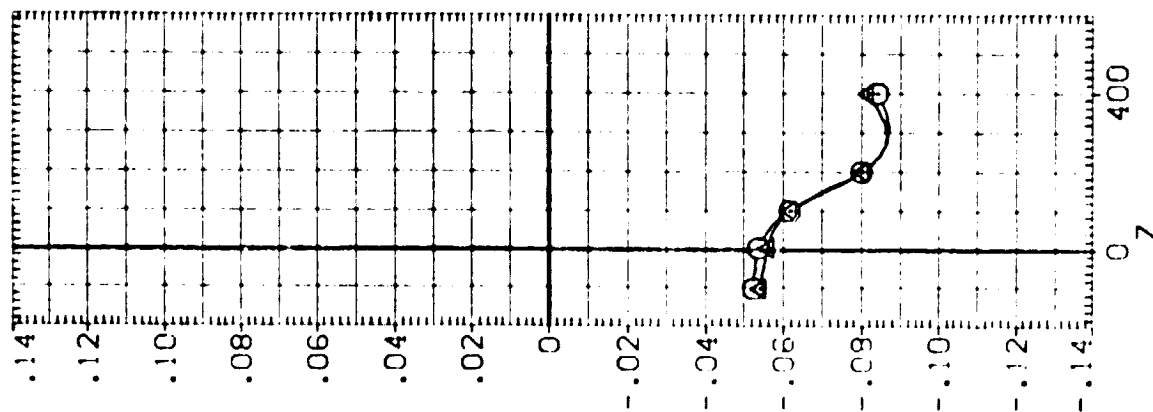
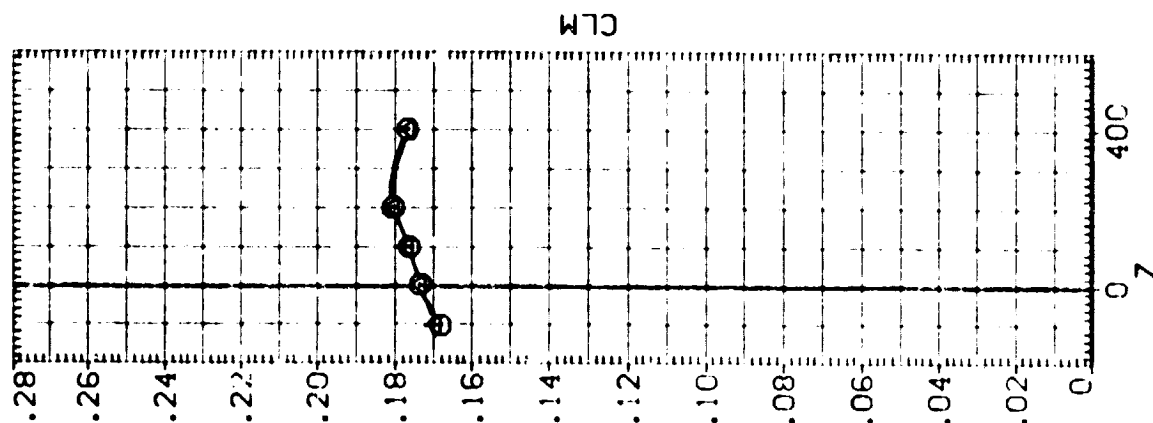
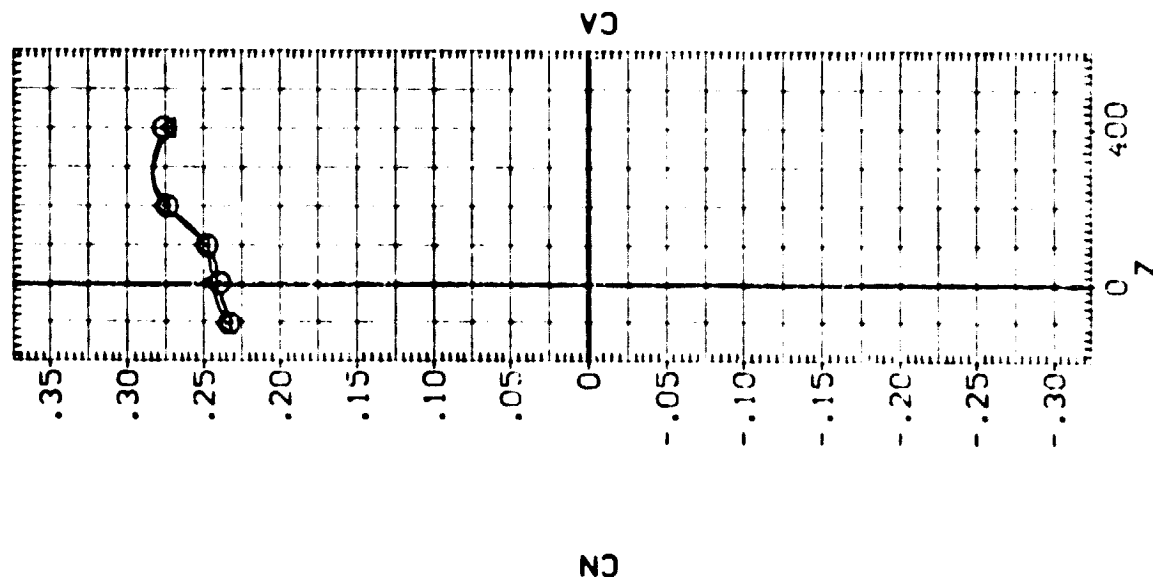


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING ( $\alpha=10.0$   $\beta=15.8$ )

(A)Y = 10.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU246) AEDC/VAS28(IAB7)-01ET151-0RB/ET V R/H SRB SEPAR.  
 (RTU241) DATA NOT AVAILABLE  
 (RTU235) AEDC/VAS28(IAB7)-01ET151-0RB/ET V R/H SRB SEPAR.  
 (RTU229) AEDC/VAS28(IAB7)-01ET151-0RB/ET V R/H SRB SEPAR.

DATA SET SYMBOL

□ □ X

REFERENCE INFORMATION

SO. FT. 2690.0000  
 INCHES 1290.3000  
 IN. XT 1097.0000  
 IN. YT 450.0000  
 IN. ZT 450.0000  
 SCALE .0100

MACH 4.520  
 4.520  
 4.520  
 4.520

X 300.000  
 300.000  
 300.000  
 300.000

DBETA 3.900  
 -8.100  
 -4.100  
 -1.100

DALPHA 5.200  
 5.200  
 5.200  
 5.200

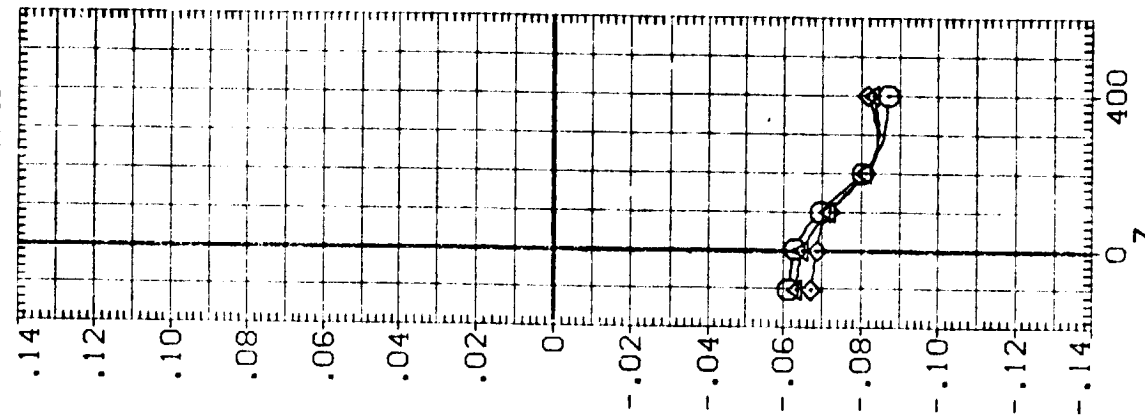
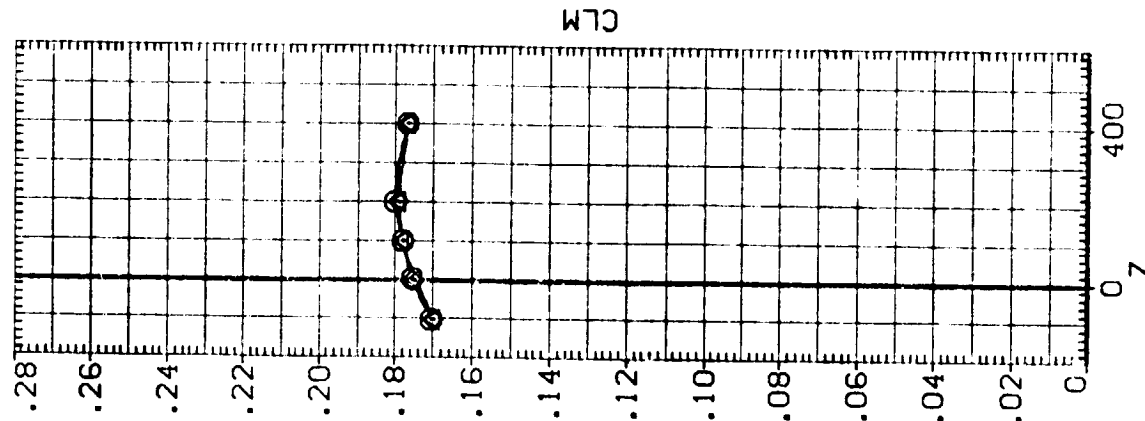
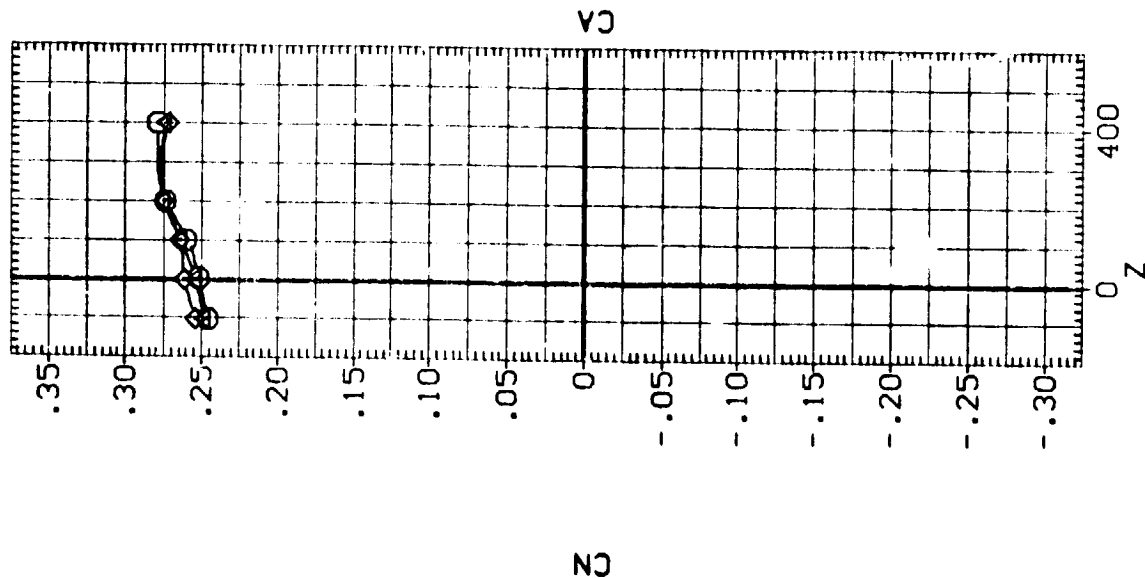


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	V	R/H	SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU246)	AEDC/VA528(IAB7)-01ETIS1-0RB/ET				5.200	3.900	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU241)	AEDC/VA528(IAB7)-01ETIS1-0RB/ET				5.200	-8.100	300.000	4.520	LREF 1290.3000 INCHES
(RTU235)	AEDC/VA528(IAB7)-01ETIS1-0RB/ET				5.200	-4.100	300.000	4.520	BREF 1290.3000 INCHES
(RTU229)	AEDC/VA528(IAB7)-01ETIS1-0RB/ET				5.200	-.100	300.000	4.520	XMRP 1097.0000 IN. XT
									YMRP .0000 IN. YT
									ZMRP 450.0000 IN. ZT
									SCALE .0100

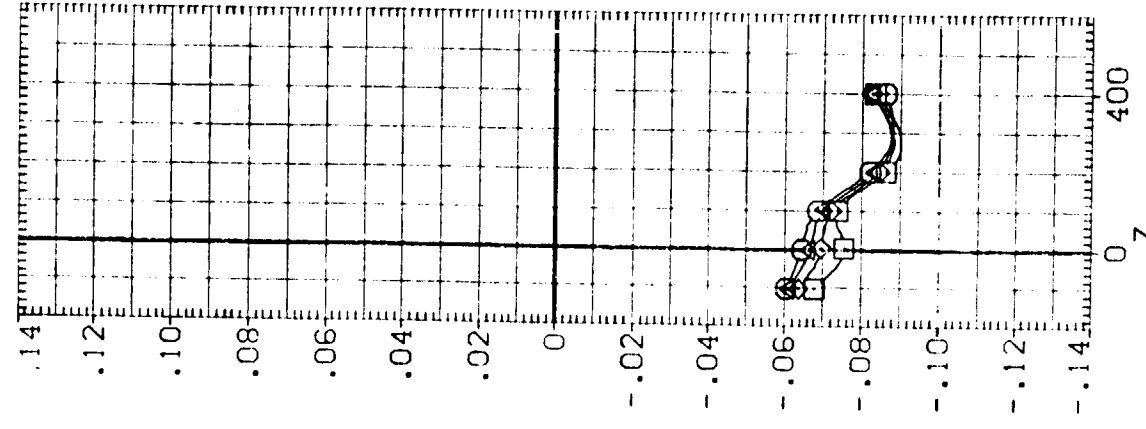
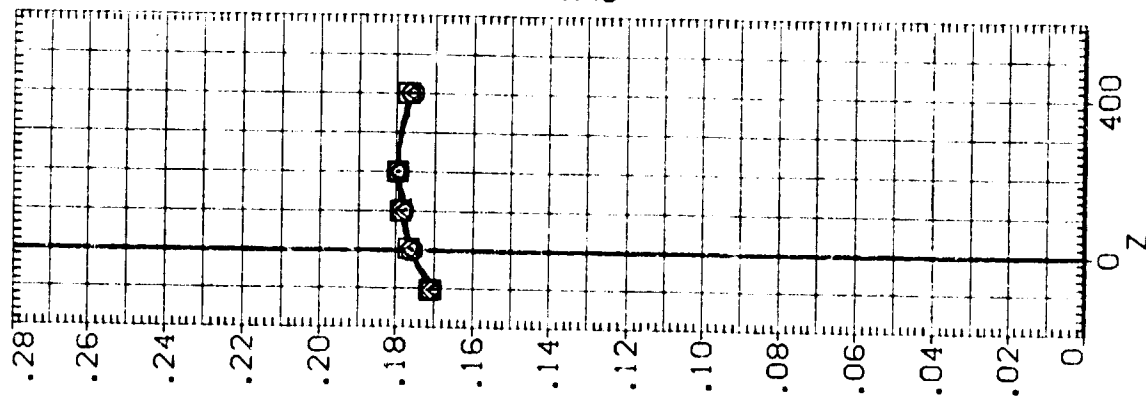
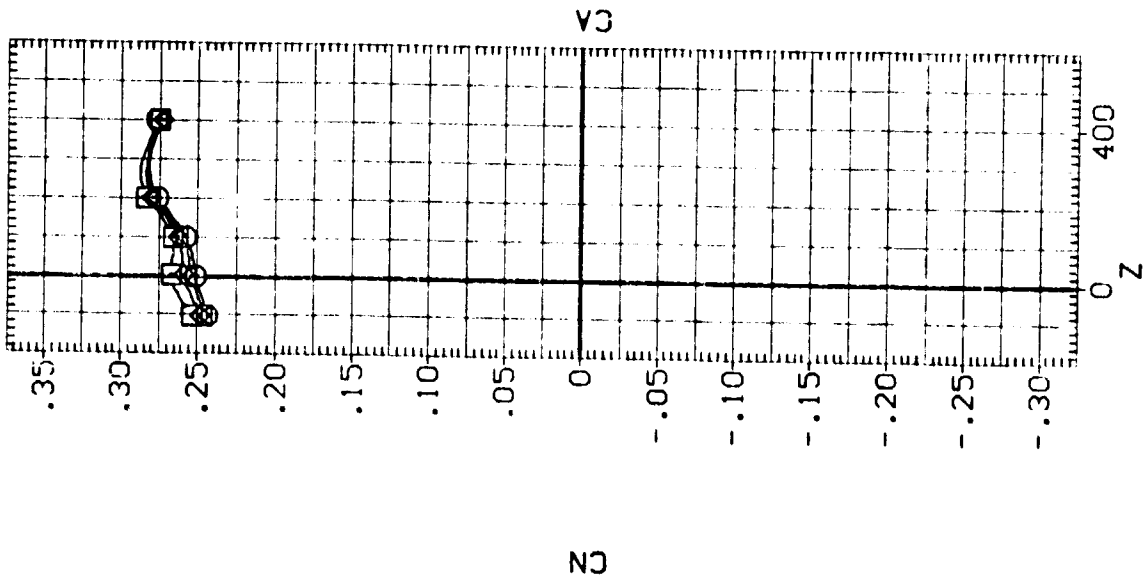


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =200.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU246)  
(RTU241)  
(RTU235)  
(RTU229)



DATA NOT AVAILABLE

AEDC/VA528(1A87)-01ETISI-ORB/ET V R/H SRB SEPAR.  
AEDC/VA528(1A87)-01ETISI-ORB/ET V R/H SRB SEPAR.  
AEDC/VA528(1A87)-01ETISI-ORB/ET V R/H SRB SEPAR.

DALPHA 5.200  
5.200  
5.200  
5.200

DBETA 3.900  
-8.100  
-4.100  
-1.100

MAC-1 4.520  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

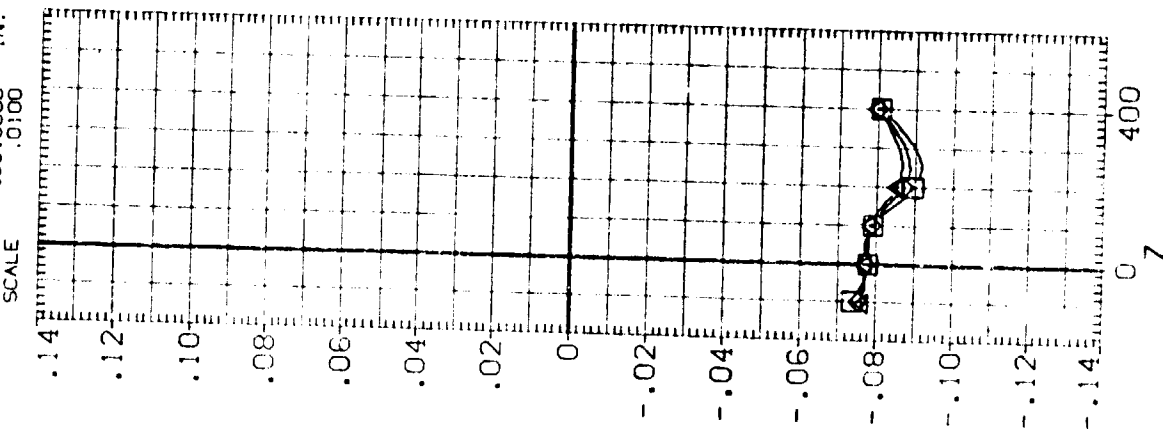
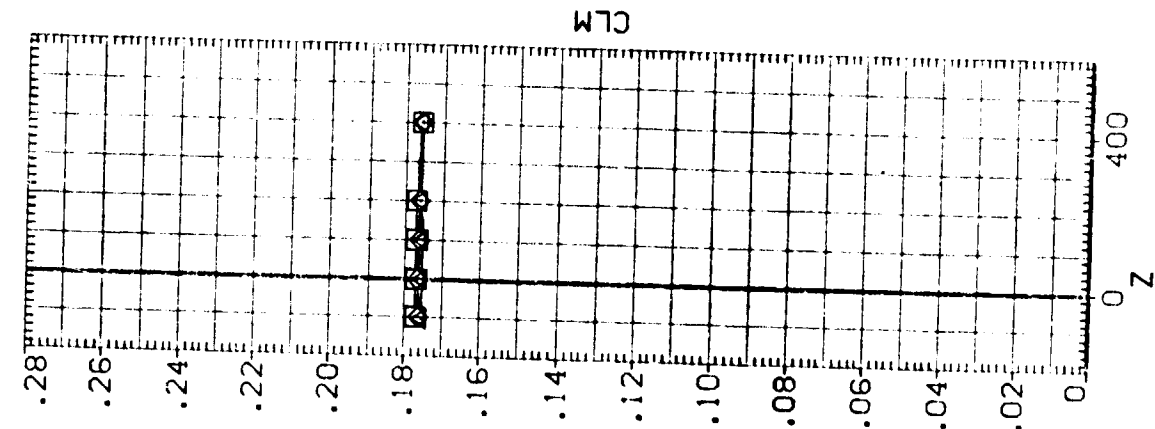
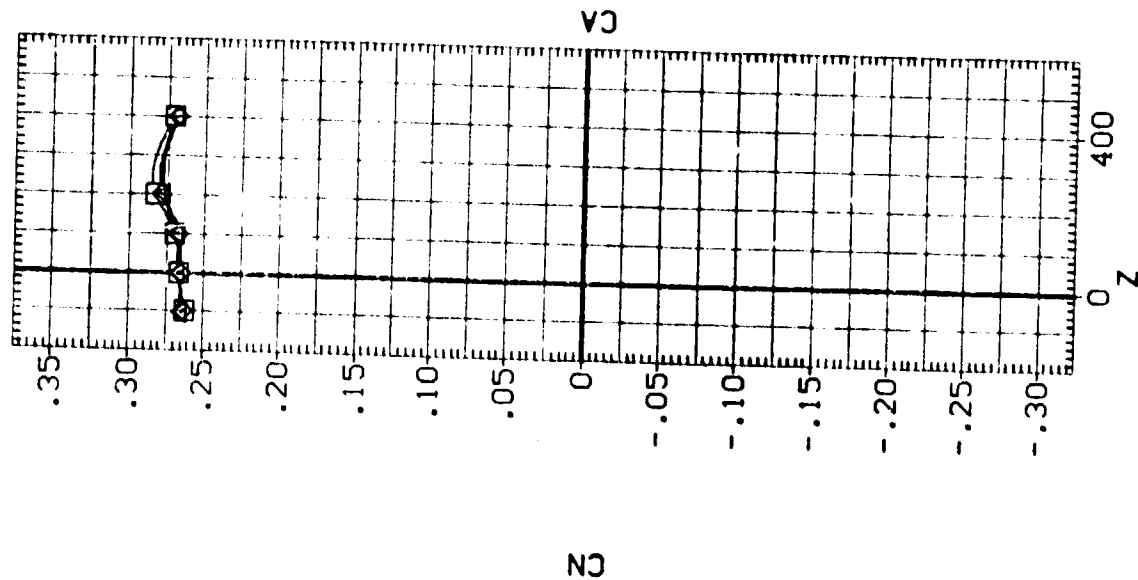


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(DY) =400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU246) AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

(RTU241) DATA NOT AVAILABLE

(RTU235) DATA NOT AVAILABLE

(RTU229) AEDC/VAS28(1A87)-01ETIS1-0RB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION

SREF 2650.0000 SQ.FT.

LREF 1250.3000 INCHES

BREF 1250.3000 INCHES

XMRP 1097.0000 IN. XT

YMRP .0000 IN. YT

ZMRP 450.0000 IN. ZT

SCALE .0100

MACH 4.520

X 300.000

DBETA 3.900

DALPHA 5.200

5.200

5.200

5.200

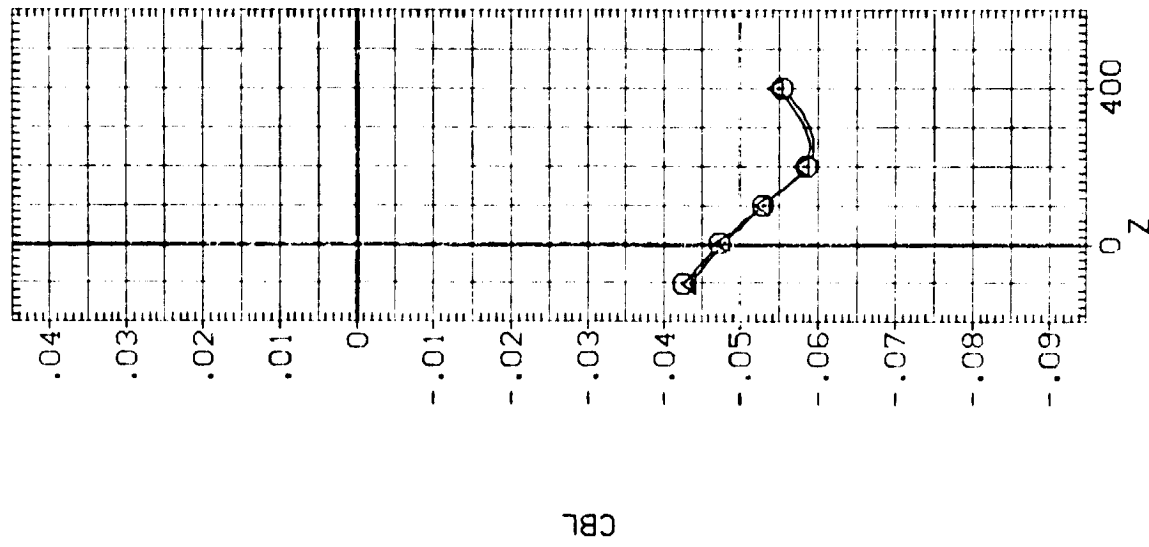
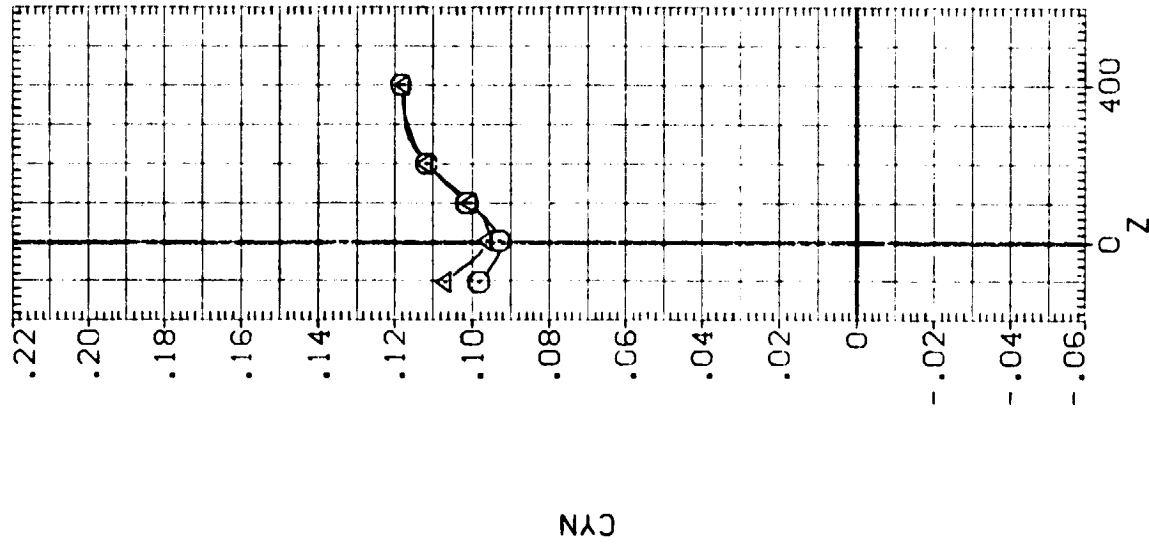
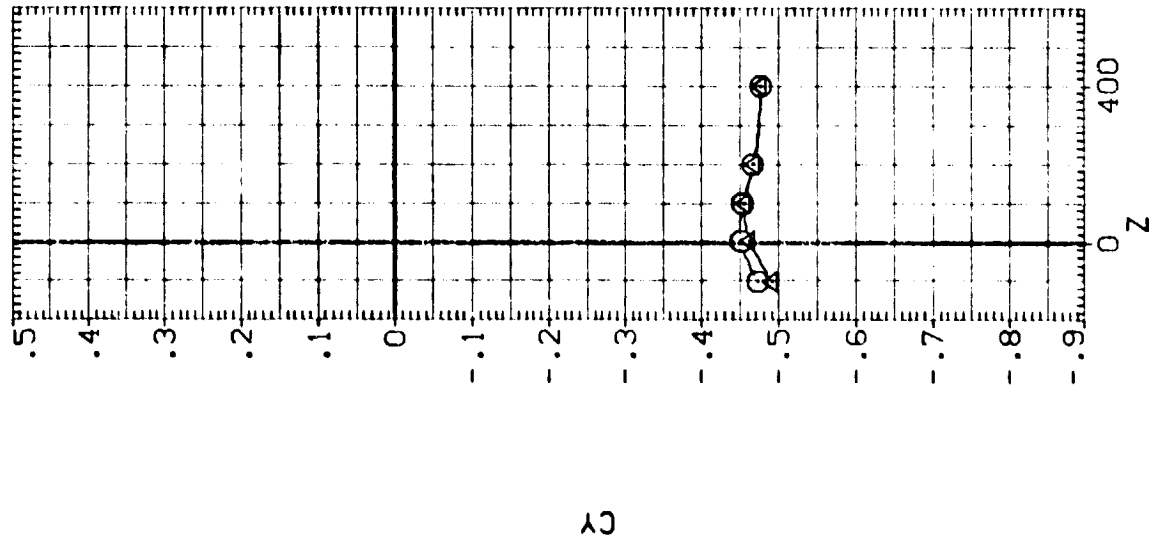


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU246)	AEDC/VAS28(1A87)-G1ET1S1-OR8/ET V R/H SR8 SEPAR.	5.200	3.900	300.000	4.520	SREF 2690.0000 50.FT.
(RTU241)	DATA NOT AVAILABLE	5.200	-8.100	300.000	4.520	LREF 1290.3000 INCHES
(RTU235)	AEDC/VAS28(1A87)-G1ET1S1-OR8/ET V R/H SR8 SEPAR.	5.200	-4.100	300.000	4.520	BREF 1290.3000 INCHES
(RTU229)	AEDC/VAS28(1A87)-G1ET1S1-OR8/ET V R/H SR8 SEPAR.	5.200	-1.100	300.000	4.520	XMRP 1097.0000 IN. X1
						YMRP .0000 IN. Y1
						ZMRP 450.0000 IN. Z1
						SCALE .0100

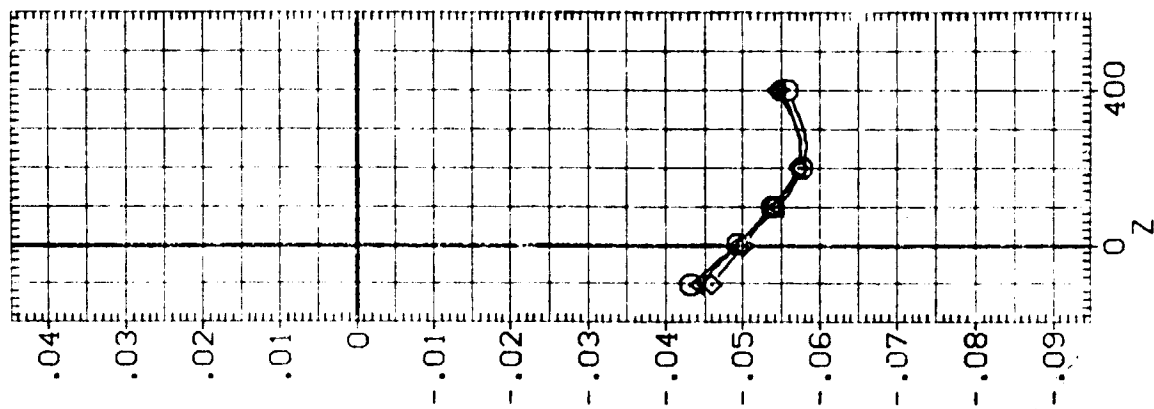
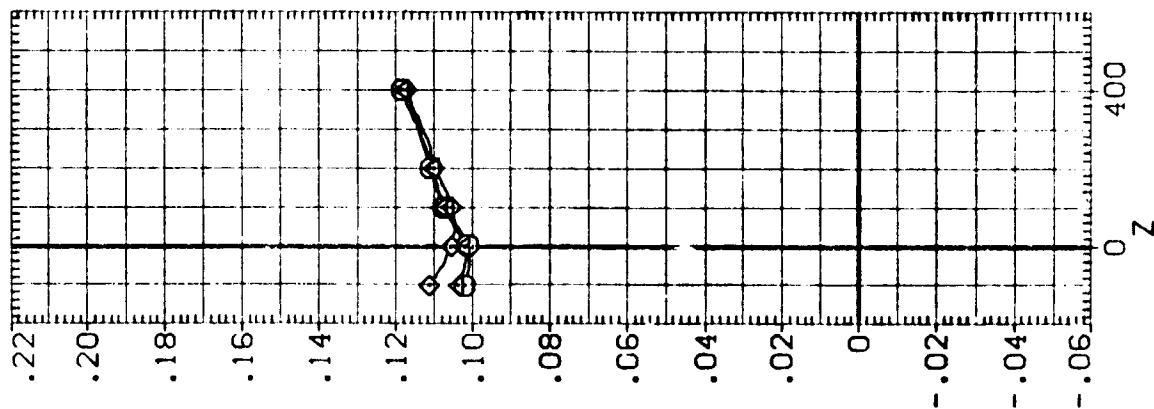
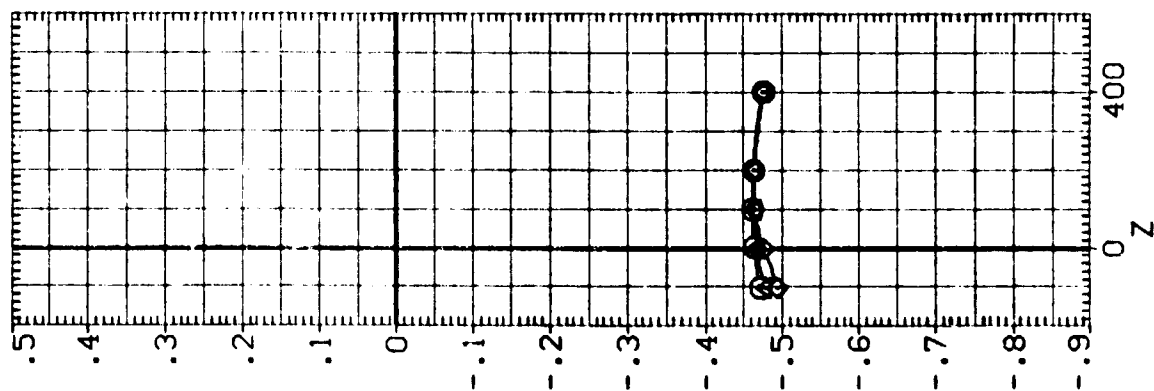


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H	SRB	SEPAR.	DBETA	X	MACH	REFERENCE INFORMATION
(RTU246)	AEDC/VA5281(A87)-01ET1S1-0RB/ET	V	R/H	SRB	SEPAR.	3.900	4.520	SREF 2690.0000 SQ.FT.
(RTU241)	AEDC/VA5281(A87)-01ET1S1-0RB/ET	V	R/H	SRB	SEPAR.	8.100	4.520	LREF 1290.3000 INCHES
(RTU235)	AEDC/VA5281(A87)-01ET1S1-0RB/ET	V	R/H	SRB	SEPAR.	4.100	4.520	BREF 1290.3000 INCHES
(RTU229)	AEDC/VA5281(A87)-01ET1S1-0RB/ET	V	R/H	SRB	SEPAR.	5.200	4.520	YMRP 1097.0000 IN. YT
								ZMRP 450.0000 IN. ZT
								SCALE .0100

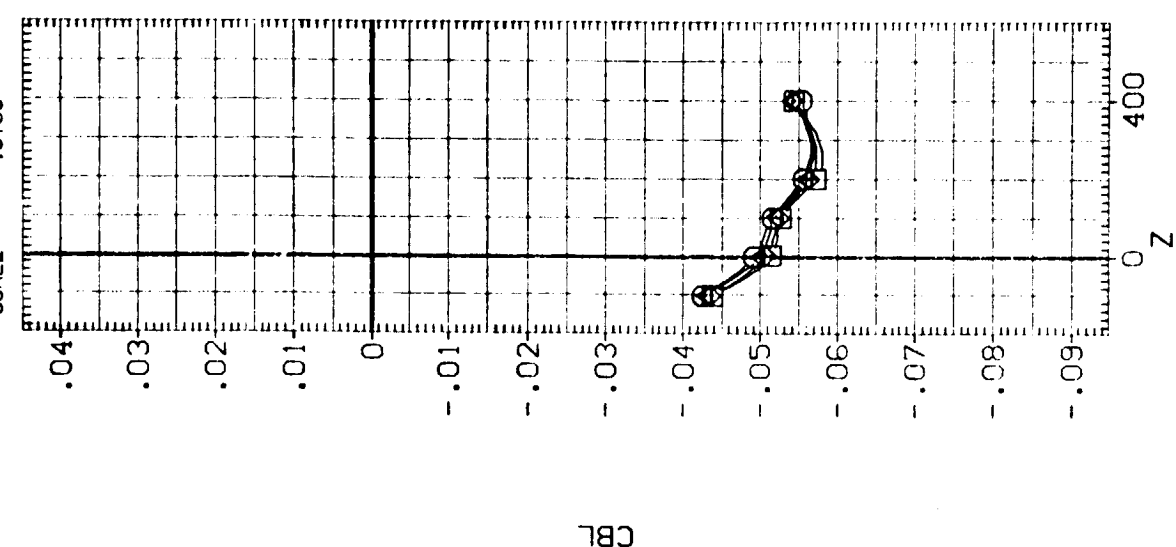
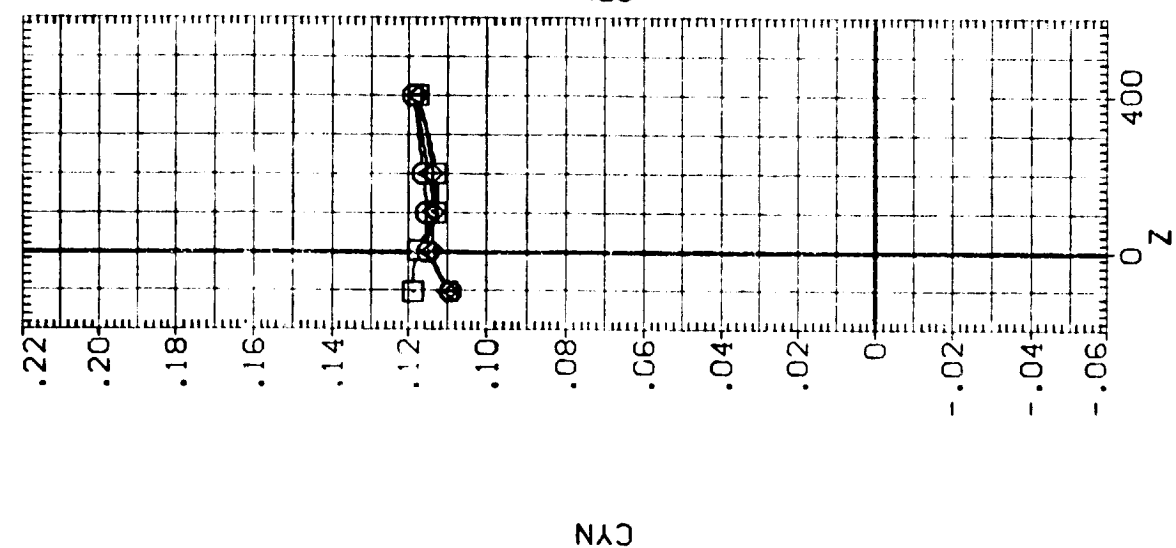
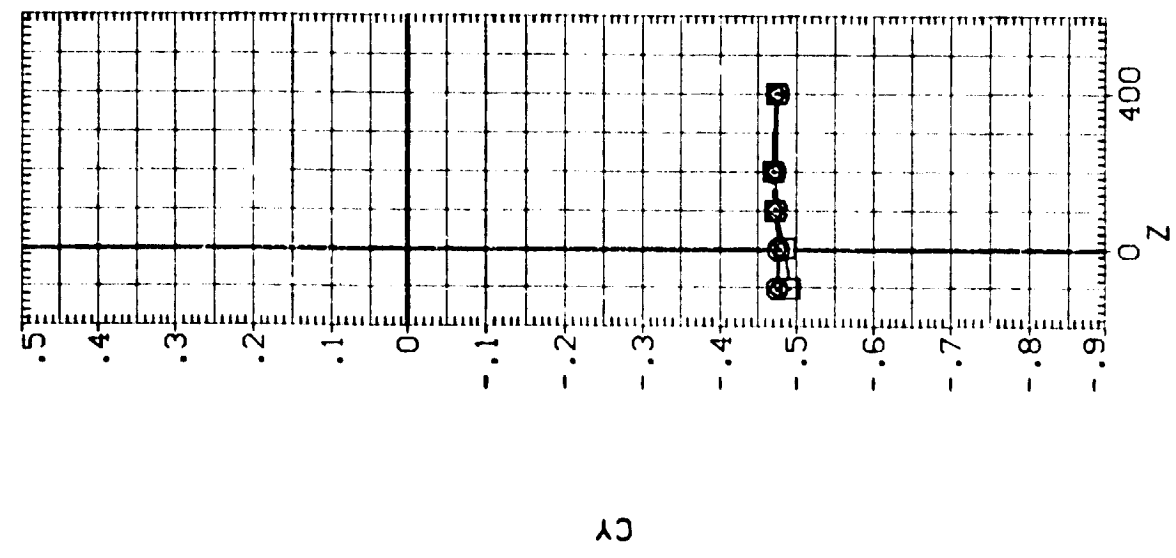


FIG.27 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(C)Y =200.00



# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU246)  
(RTU241)  
(RTU235)  
(RTU229)

DATA NOT AVAILABLE

AEDC/VAS28(1A87)-01ETISI-ORB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETISI-ORB/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-01ETISI-ORB/ET V R/H SRB SEPAR.

DALPHA 5.200  
5.200  
5.200  
5.200

DBETA 3.900  
-8.100  
-4.100  
-.100

X 300.000  
300.000  
300.000  
300.000

MACH 4.520  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SQ.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

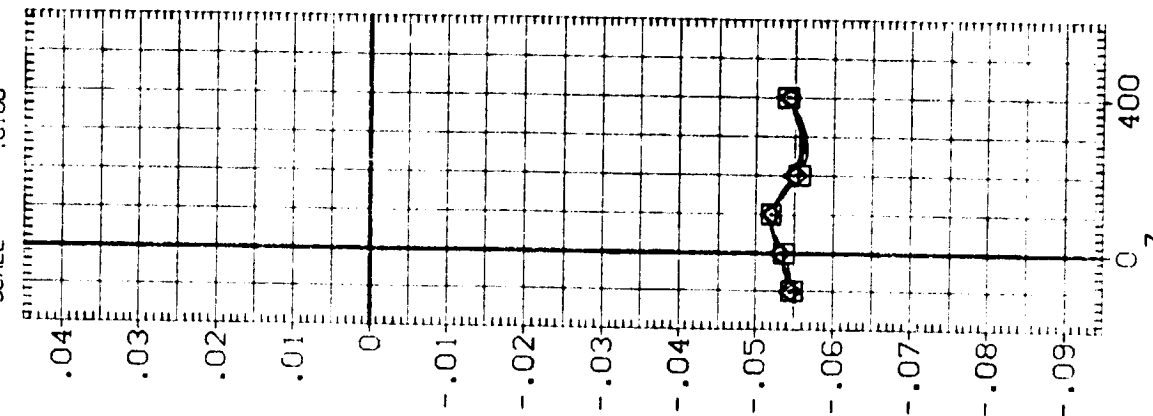
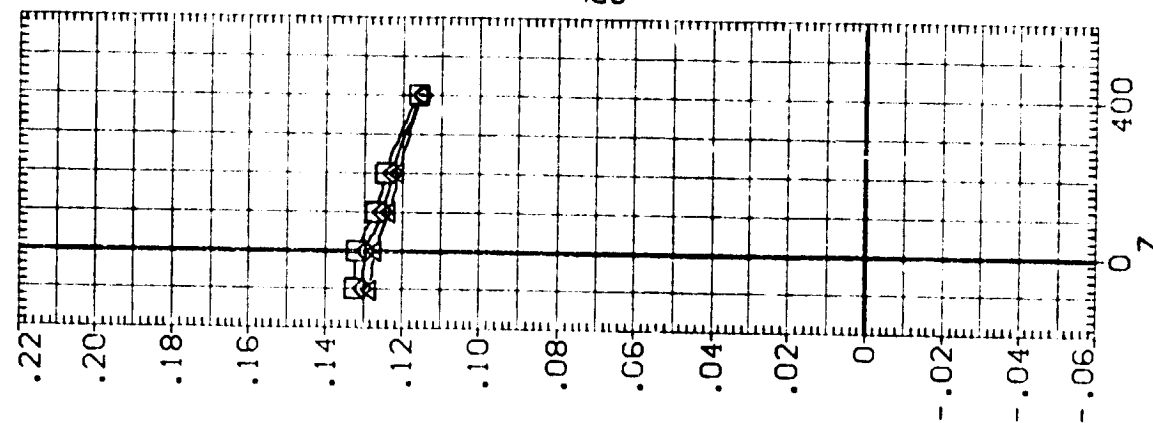
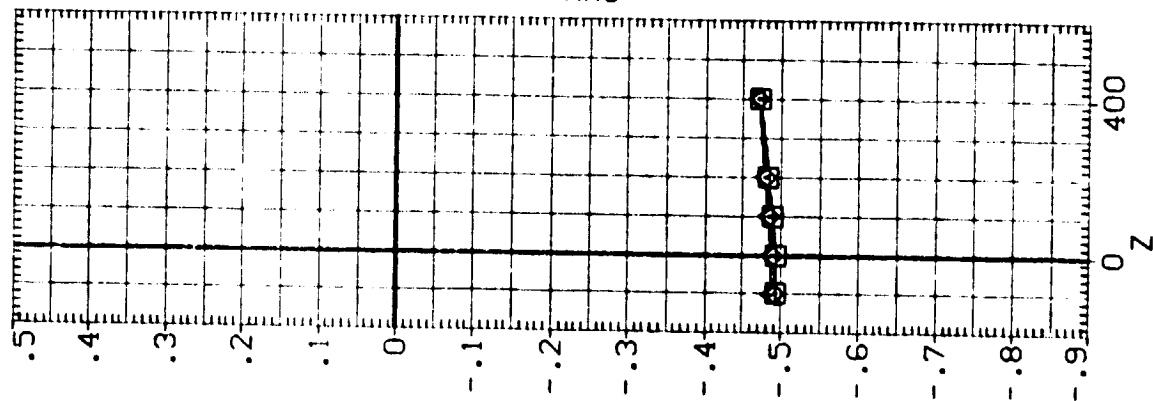


FIG.27 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=10.0 BETA=15.8)

(D)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	MACH	REFERENCE INFORMATION
(RTU266)	AEDC/VA528(IAB7)-01ET(SI)-ORB/ET	4.520	SREF 2690.0000 SQ.FT.
(RTU269)	AEDC/VA528(IAB7)-01ET(SI)-ORB/ET	4.520	LREF 1290.3000 INCHES
(RTU270)	AEDC/VA528(IAB7)-01ET(SI)-ORB/ET	4.520	BREF 1290.3000 INCHES
			XMRP 1097.0000 IN. XT
			YMRP .0000 IN. YT
			ZMRP 450.0000 IN. ZT
			SCALE .0100

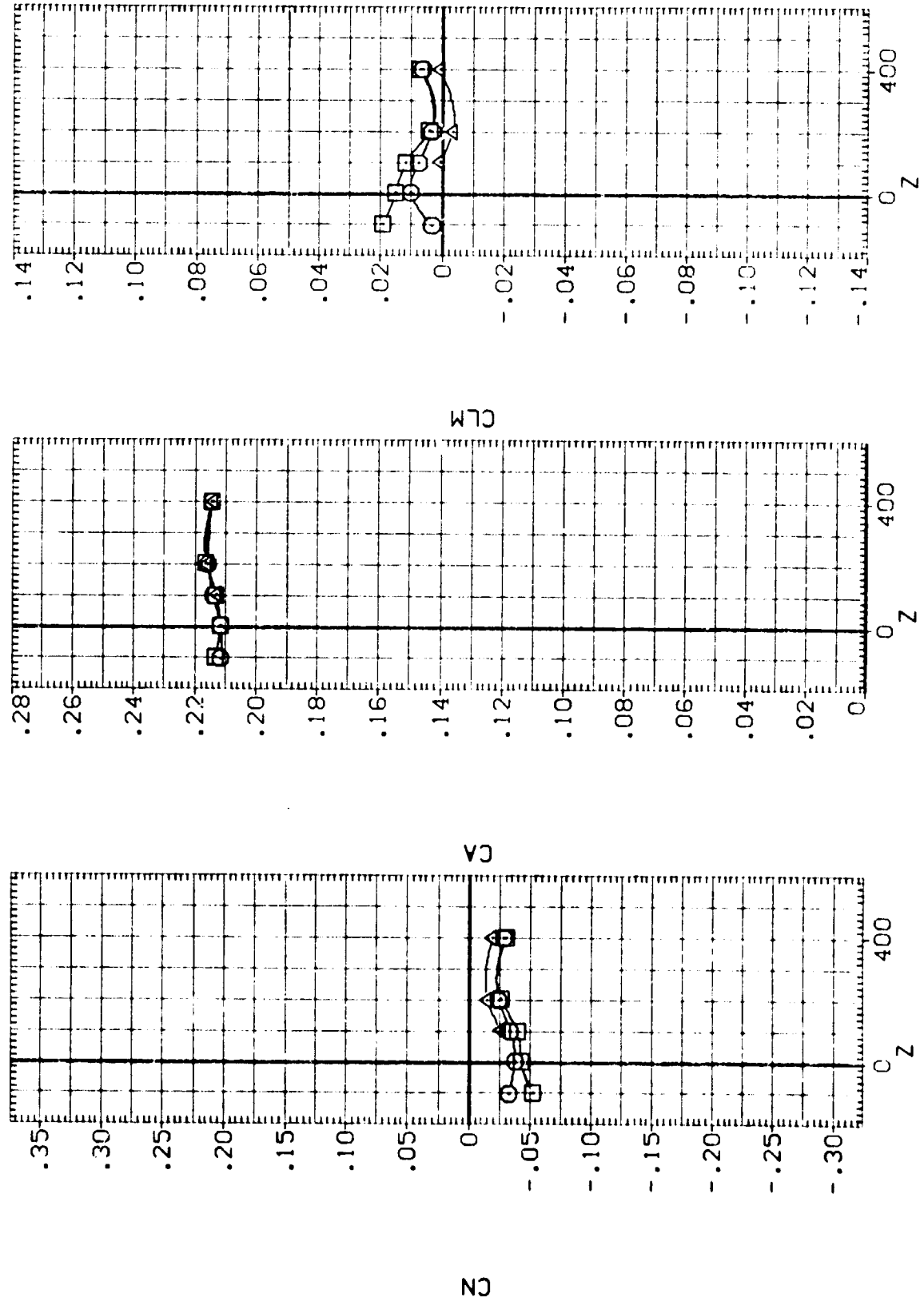


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING ( $\alpha = -15.7^\circ$ )

(A)  $\gamma = 10.00$

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU266) AEDC/VAS281(A87)-01ET(SI)-0RB/ET V R/H SRB SEPAR.

(RTU269) AEDC/VAS281(A87)-01ET(SI)-0RB/ET V R/H SRB SEPAR.

(RTU270) AEDC/VAS281(A87)-01ET(SI)-0RB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU266) AEDC/VAS281(A87)-01ET(SI)-0RB/ET V R/H SRB SEPAR.

(RTU269) AEDC/VAS281(A87)-01ET(SI)-0RB/ET V R/H SRB SEPAR.

(RTU270) AEDC/VAS281(A87)-01ET(SI)-0RB/ET V R/H SRB SEPAR.

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU266) AEDC/VAS281(A87)-01ET(SI)-0RB/ET V R/H SRB SEPAR.

(RTU269) AEDC/VAS281(A87)-01ET(SI)-0RB/ET V R/H SRB SEPAR.

(RTU270) AEDC/VAS281(A87)-01ET(SI)-0RB/ET V R/H SRB SEPAR.

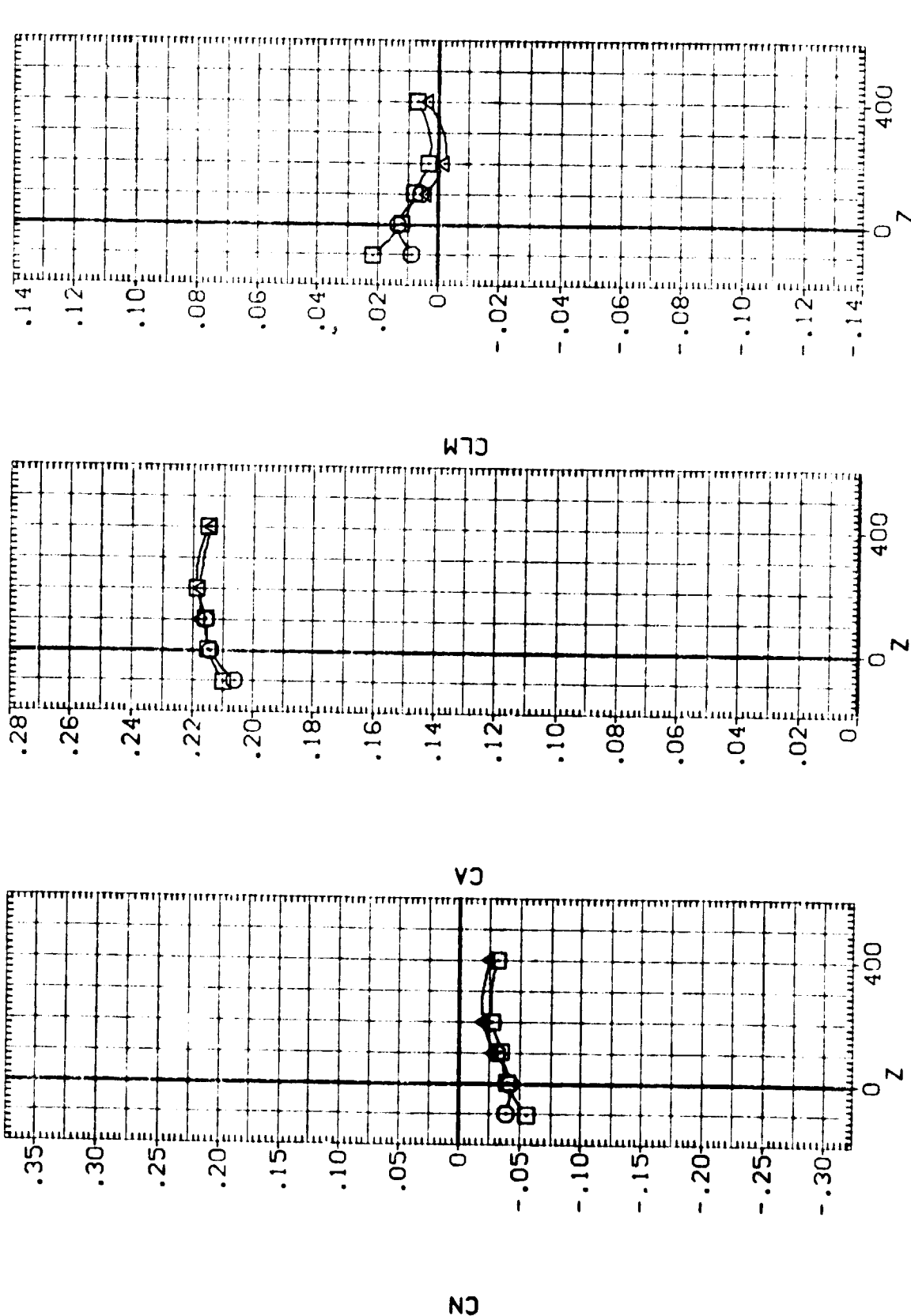


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	MACH	REFERENCE INFORMATION
(RTU266)	AEDC/VAS28(IAB7)-O1ETIS1-O1RB/ET	4.520	SREF 2590.0000 SO.FT.
(RTU269)	AEDC/VAS28(IAB7)-O1ETIS1-O1RB/ET	4.520	LREF 1290.3000 INCHES
(RTU270)	AEDC/VAS28(IAB7)-O1ETIS1-O1RB/ET	4.520	BREF 1290.3000 INCHES
			XMRP 1097.0000 IN. XT
			YMRP .0000 IN. YT
			ZMRP 450.0000 IN. ZT
			SCALE .0100

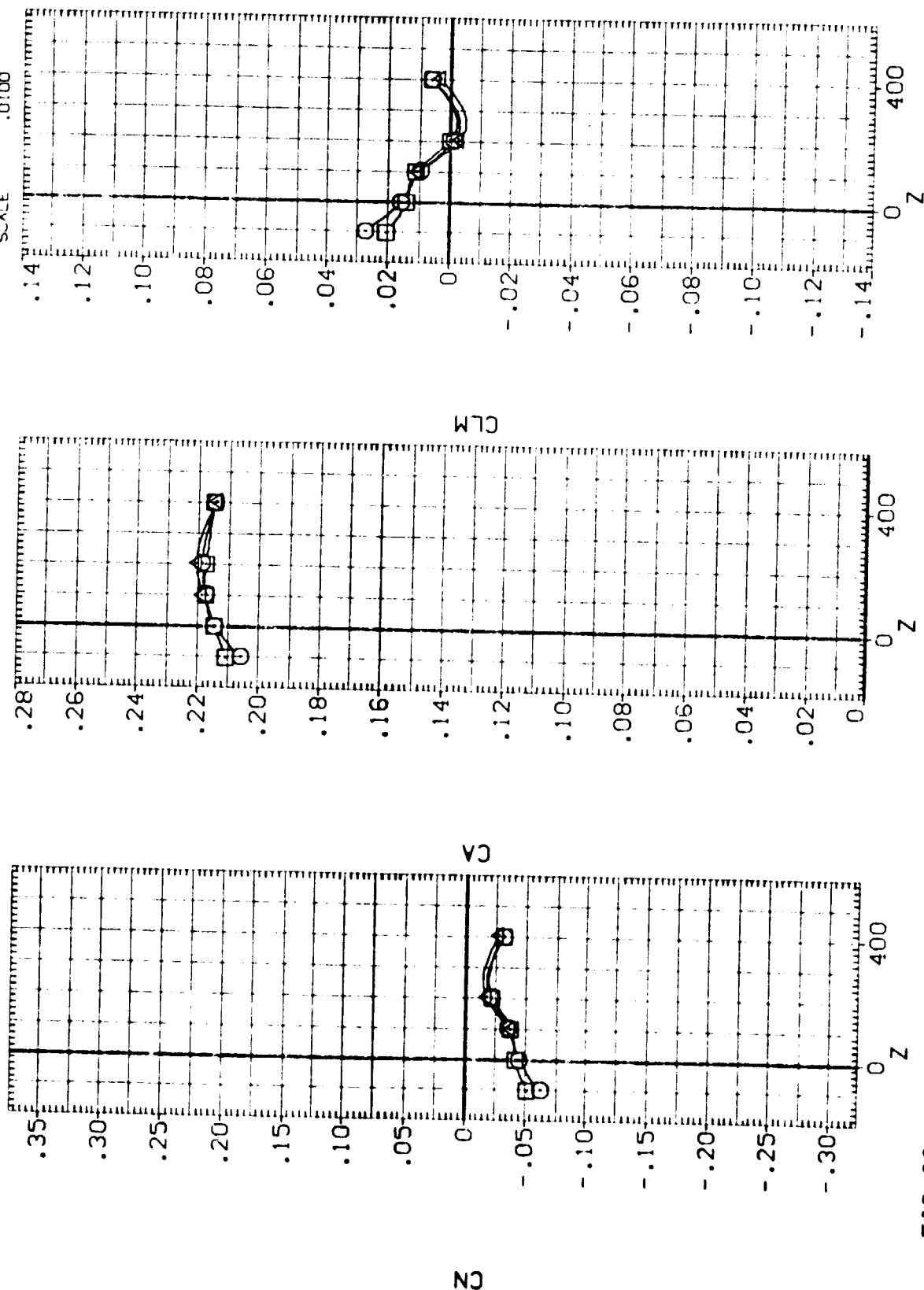


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7 BETA=15.7)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU266)	AEDC/VA528((A87)-01ETIS1-OR8/ET V R/H SR8 SEPAR.	.200	.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTU269)	AEDC/VA528((A87)-01ETIS1-OR8/ET V R/H SR8 SEPAR.	5.230	.000	.000	4.520	SREF 1290.3000 INCHES
(RTU270)	AEDC/VA528((A87)-01ETIS1-OR8/ET V R/H SR8 SEPAR.	-4.800	.000	.000	4.520	SREF 1290.3000 INCHES
						XMRP .097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP .450.0000 IN. ZT
						SCALE .0100

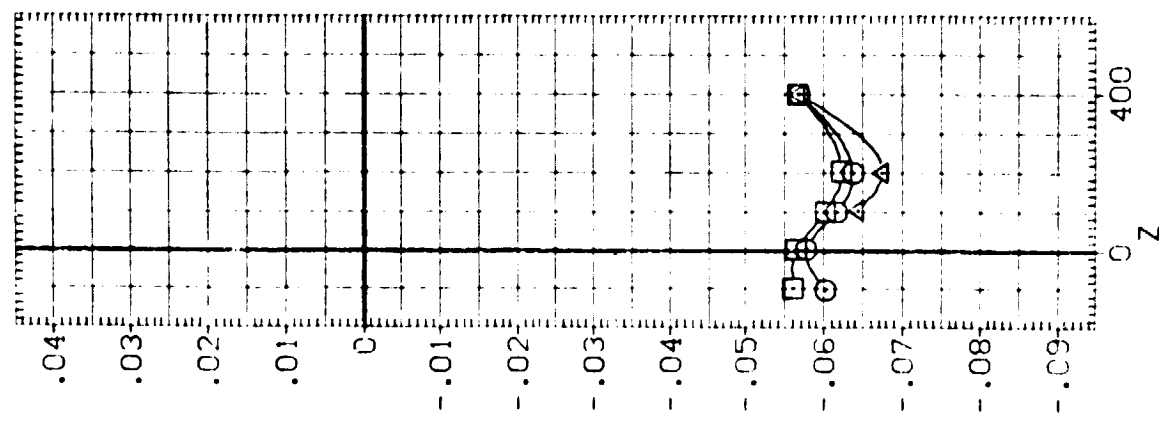
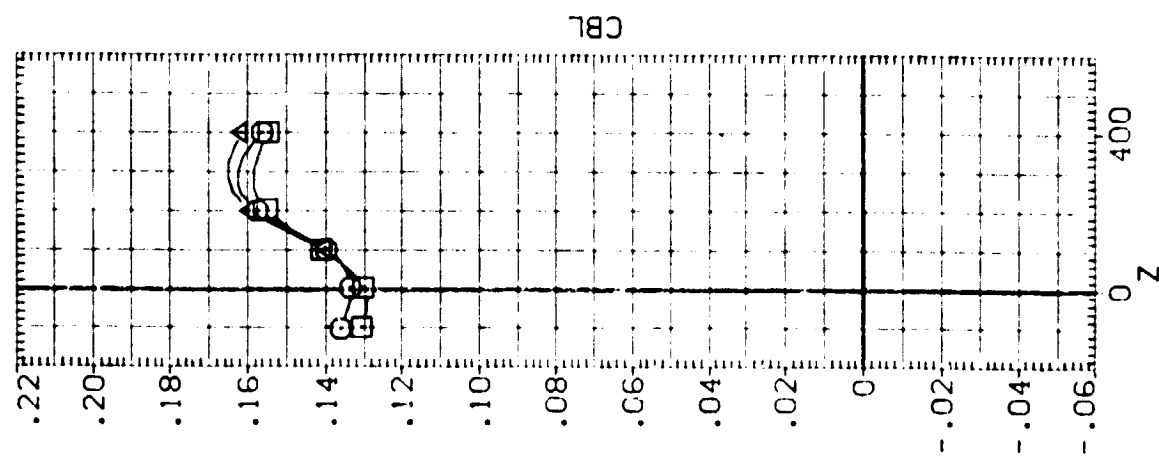
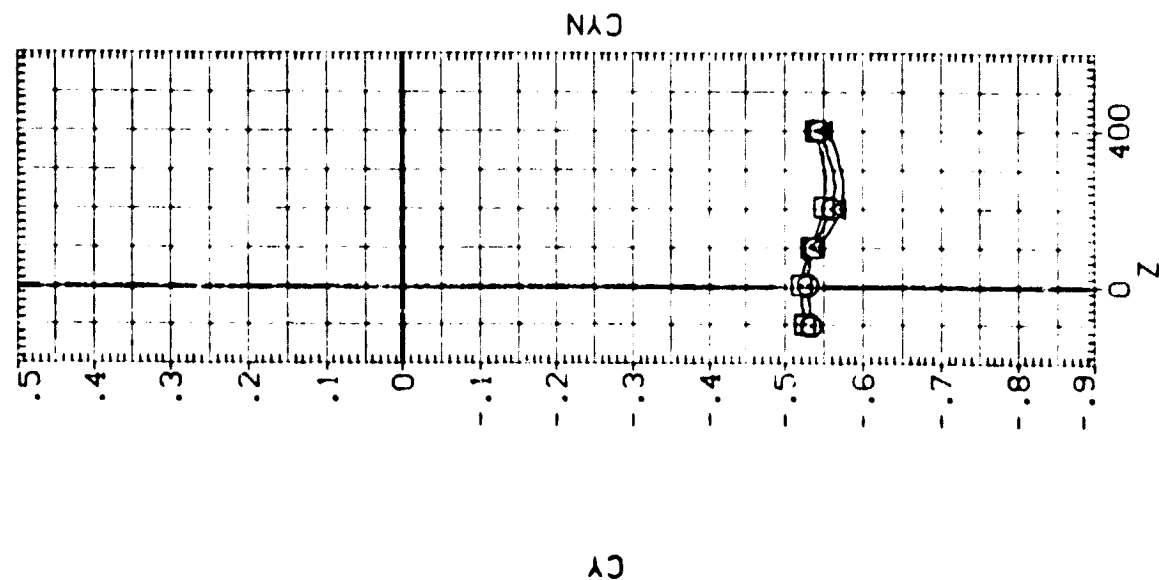


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(A) Y = 10.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DELTA	DBETA	X	MACH	REFERENCE IN ORIENTATION
(RTU266)	AEDC/AS28 (A87) -01ETISI-0RB/ET	200	.000	.000	4.520	SREF 2800.0000 SO.FT
(RTU269)	AEDC/AS29 (A87) -01ETISI-0RB/ET	5.200	.000	.000	4.520	LREF 290.3000 INCHES
(RTU270)	AEDC/AS28 (A87) -01ETISI-0RB/ET	-4.800	.000	.000	4.520	BREF 290.3000 INCHES
						XREF 290.3000 INCHES
						YREF 290.3000 INCHES
						ZREF 450.0000 INCHES
						SCALE .0100

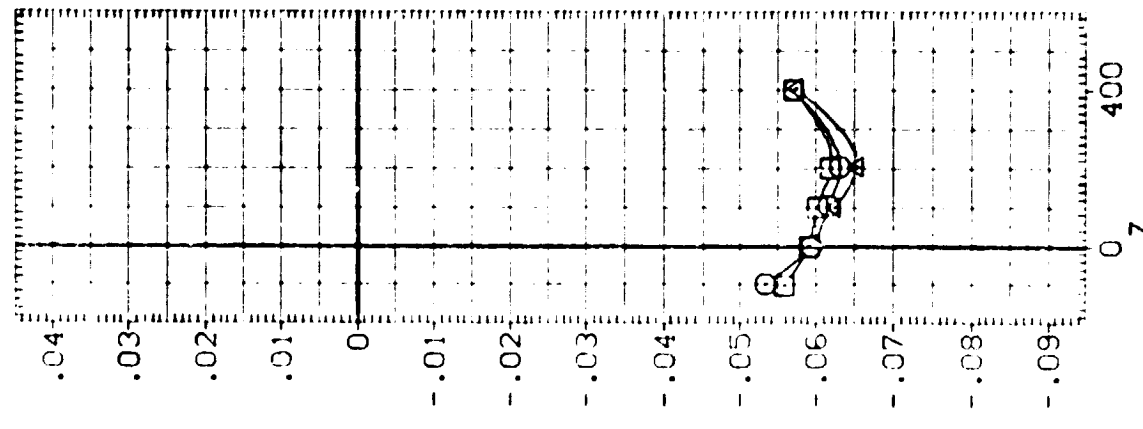
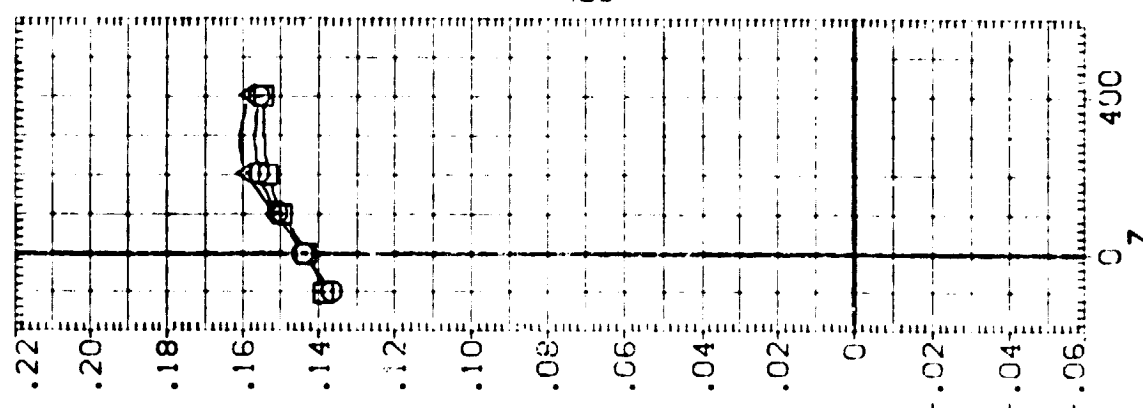
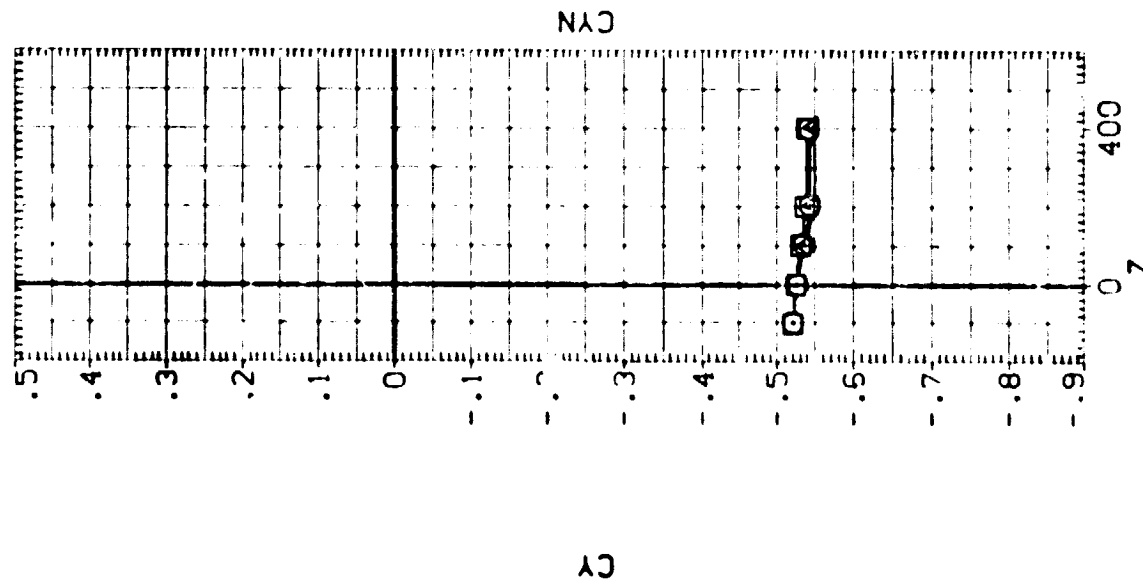


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	MACH	REFERENCE INFORMATION
(RTU266)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	4.520	SREF 2690.0000 SP.FT.
(RTU269)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	4.520	LREF 1290.3000 INCHES
(RTU270)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	4.520	BREF 1290.3000 INCHES
			XMRP 1097.0000 IN. XT
			YMRP 1097.0000 IN. YT
			ZMRP 450.0000 IN. ZT
			SCALE .0100

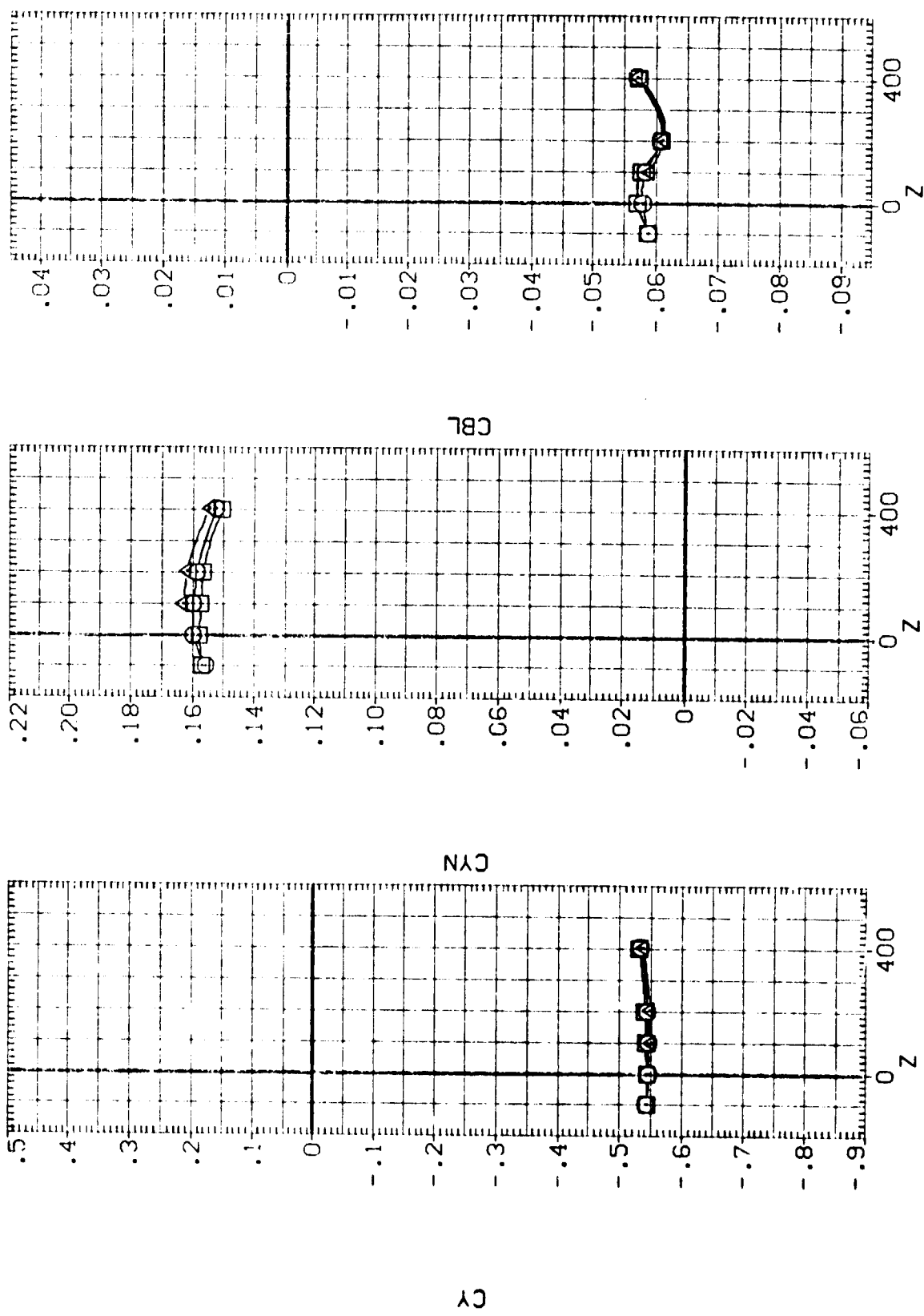


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(D)Y = 400.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU267)	AEDC/A528(1A87)-01ETIS1-0RB/ET	V R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU268)	AEDC/A528(1A87)-01ETIS1-0RB/ET	V R/H SRB SEPAR.	.200	.000	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU271)	AEDC/A528(1A87)-01ETIS1-0RB/ET	V R/H SRB SEPAR.	5.200	.000	300.000	4.520	REF 1290.3000 INCHES
			-4.800	.000	300.000	4.520	BREF 290.3000 INCHES
							XMRP 1097.0000 IN. XT
							YMRP .0000 IN. YT
							ZMRP 450.0000 IN. ZT
							SCALE .0100

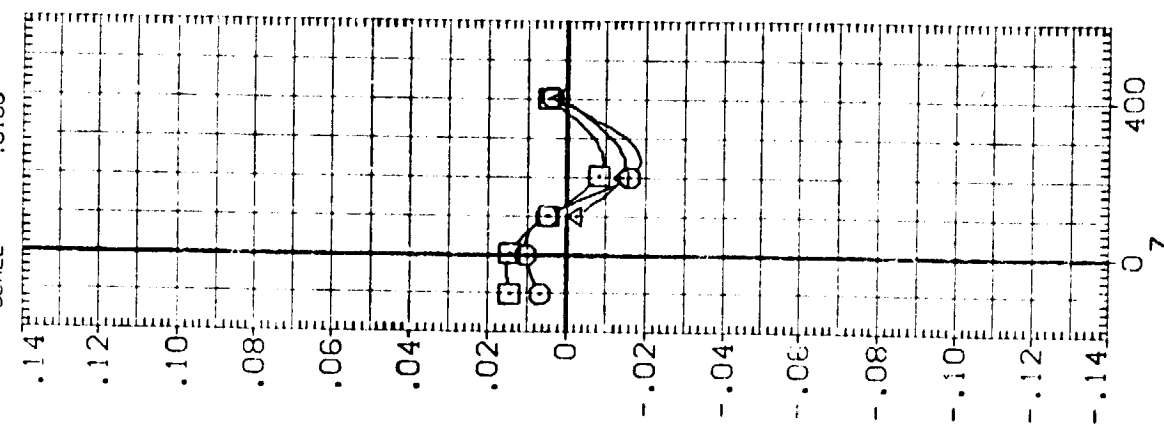
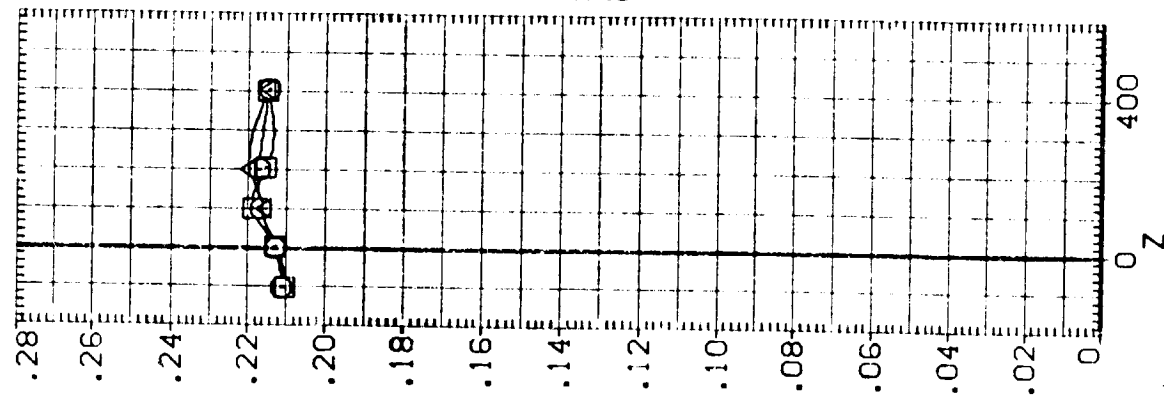
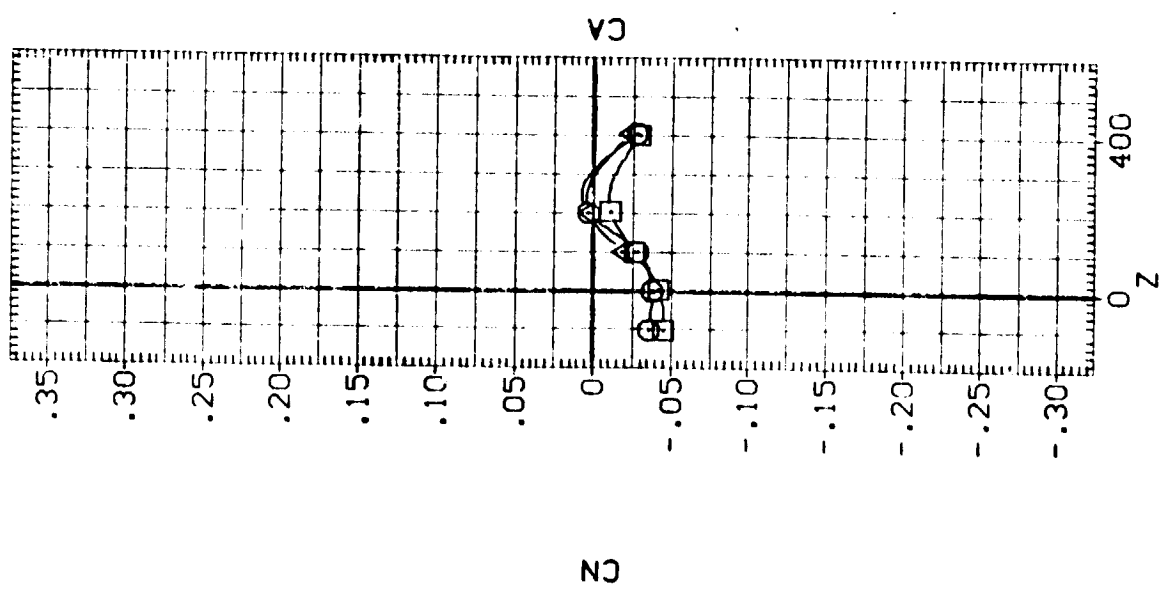


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(A) Y = 10.00

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(RTU267)      AEDC/VA528(IAB7)-O1ET-S1-O68/ET

(RTU268)      AEDC/VA528(IAB7)-O1ET-S1-O68/ET

(RTU271)      AEDC/VA528(IAB7)-O1ET-S1-O68/ET

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(RTU267)      AEDC/VA528(IAB7)-O1ET-S1-O68/ET

(RTU268)      AEDC/VA528(IAB7)-O1ET-S1-O68/ET

(RTU271)      AEDC/VA528(IAB7)-O1ET-S1-O68/ET

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(RTU267)      AEDC/VA528(IAB7)-O1ET-S1-O68/ET

(RTU268)      AEDC/VA528(IAB7)-O1ET-S1-O68/ET

(RTU271)      AEDC/VA528(IAB7)-O1ET-S1-O68/ET

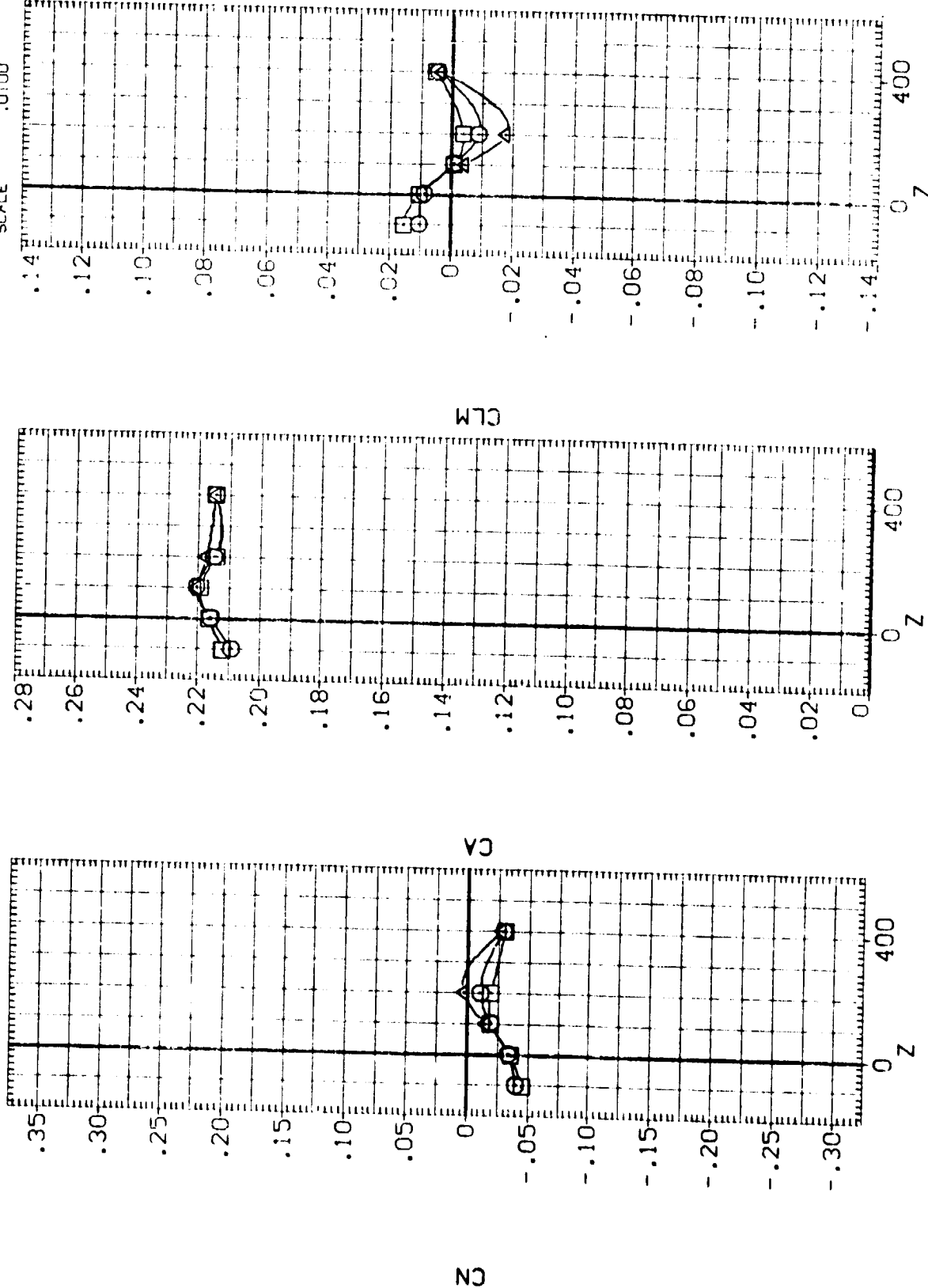


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU267)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	.200	.000	300.000	4.520	SREF 2690.0000 53 FT.
(RTU268)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU271)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	-4.800	.000	300.000	4.520	BREF 1290.3000 INCHES
						YMRP 1097.0000 IN. YT
						YMRP 0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

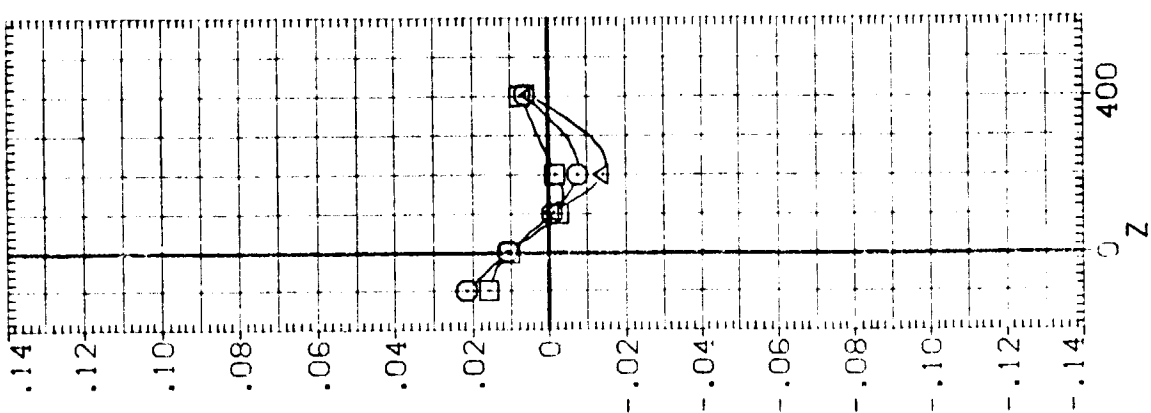
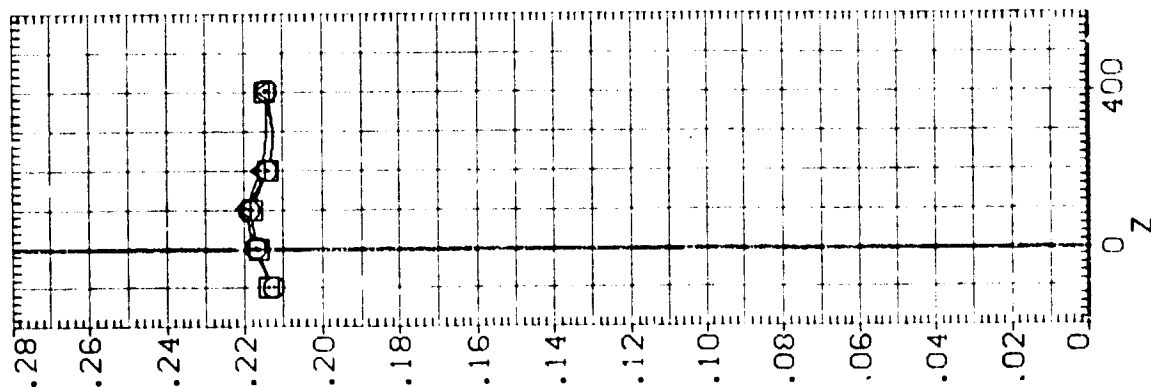
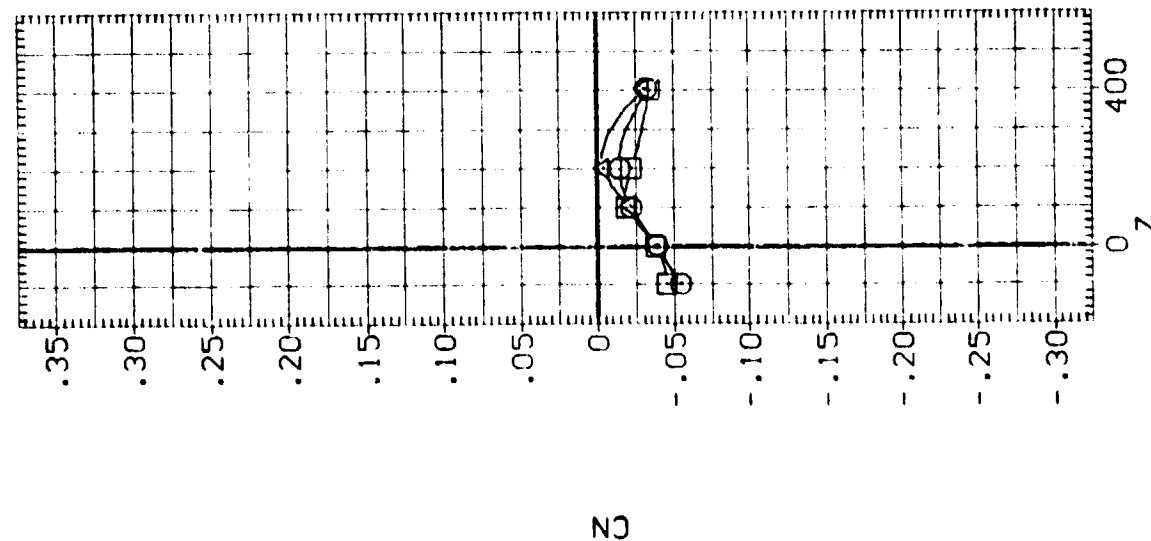


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00

DATA SET SYMBOL: (RTU267) (RTU268) (RTU271)

CONFIGURATION DESCRIPTION: AEDC/VAS28(IAB7)-O1ET1S1-O9B/ET V R/H SRB SEPAR. AEDC/VAS28(IAB7)-O1ET1S1-O9B/ET V R/H SRB SEPAR. AEDC/VAS28(IAB7)-O1ET1S1-O9B/ET V R/H SRB SEPAR.

MACH: 4.520 4.520 4.520

X: 300.000 300.000 300.000

DBETA: .000 .000 .000

DALPHA: .200 5.200 -4.800

REFERENCE INFORMATION: SREF 2690.0000 SQ.FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XMRP 1097.0000 IN. XT 1097.0000 IN. YT 450.0000 IN. ZT 450.0000 IN. ZT SCALE .0100

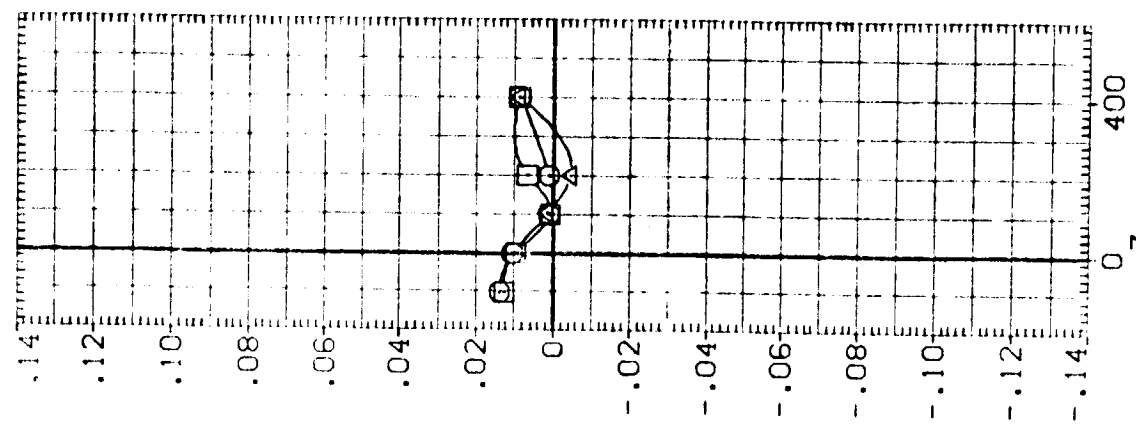
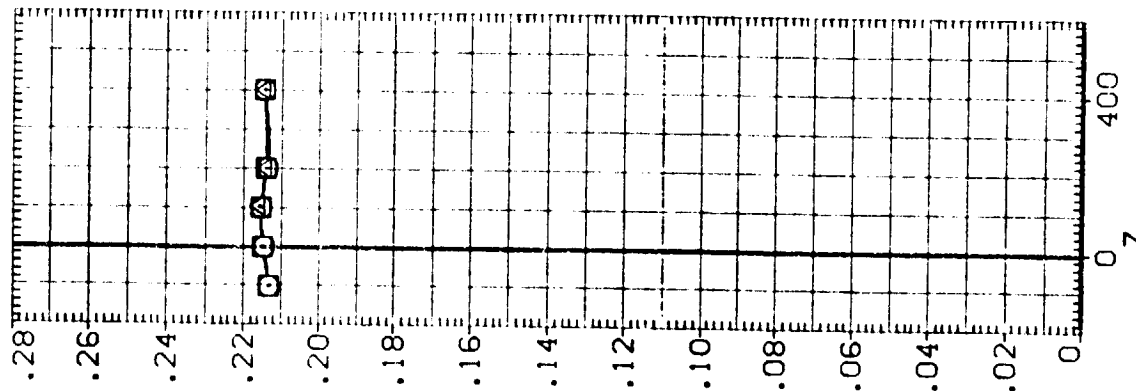
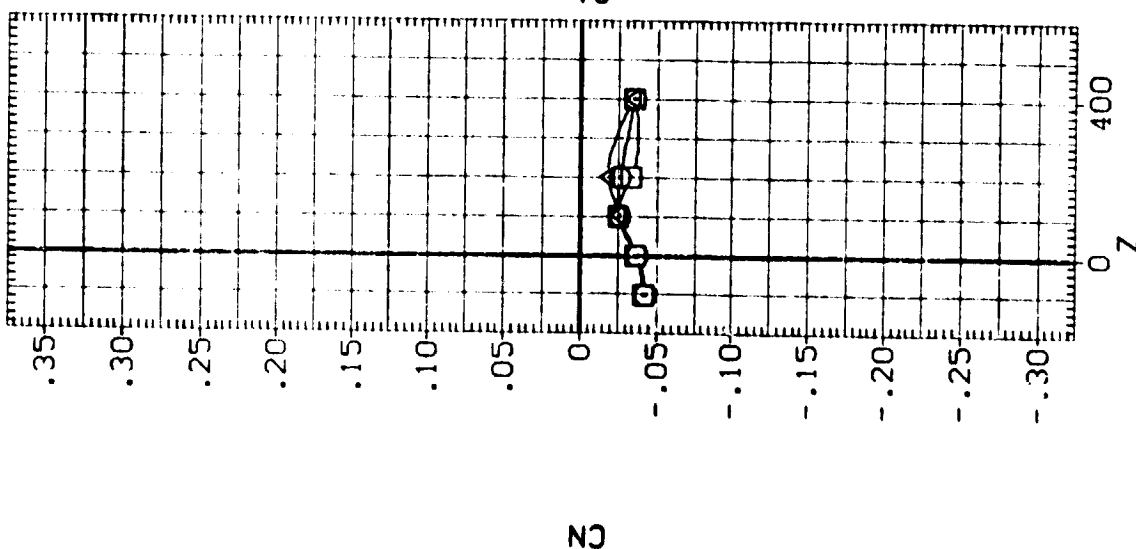


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)  
(DY) =400.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU267) AEDC/VA528(IAB7)-01E-1S1-0RB/ET V R/H SRB SEPAR.

(RTU268) AEDC/VA528(IAB7)-01E-1S1-0RB/ET V R/H SRB SEPAR.

(RTU271) AEDC/VA528(IAB7)-01E-1S1-0RB/ET V R/H SRB SEPAR.

DBETA X MACH REFERENCE INFORMATION

DBETA	X	MACH	SREF	2690.0000	SO.FT.
.000	300.000	4.520	1290.3000	1290.3000	INCHES
.000	300.000	4.520	1057.0000	1057.0000	IN. XT
.000	300.000	4.520	450.0000	450.0000	IN. ZT
			SCALE	.0100	

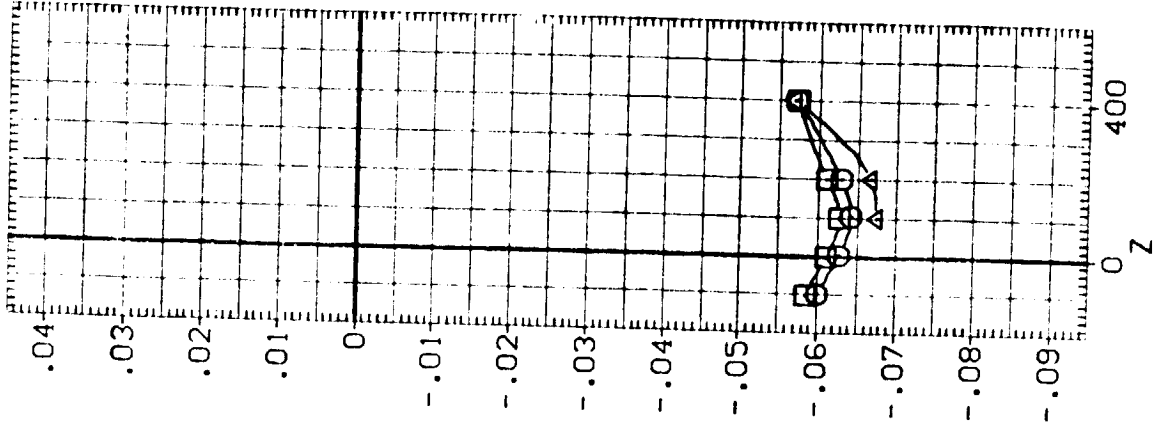
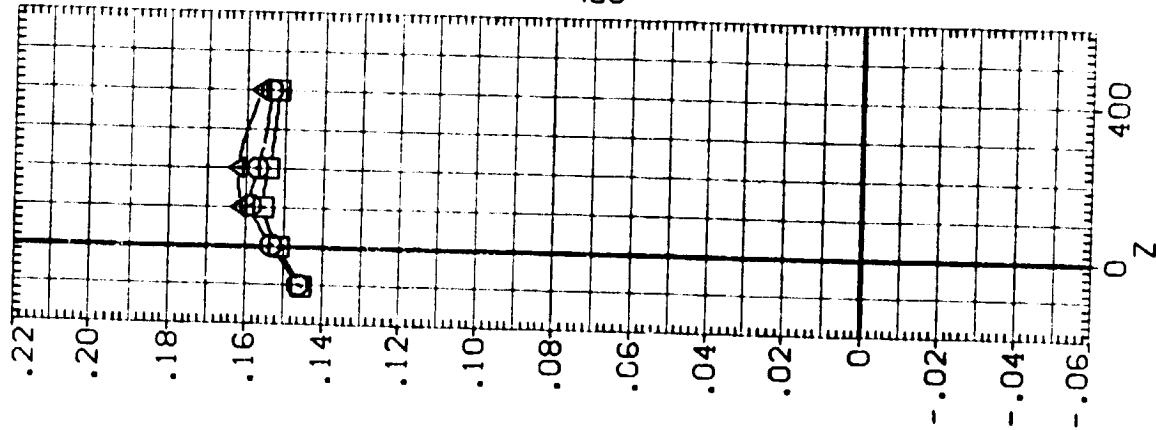
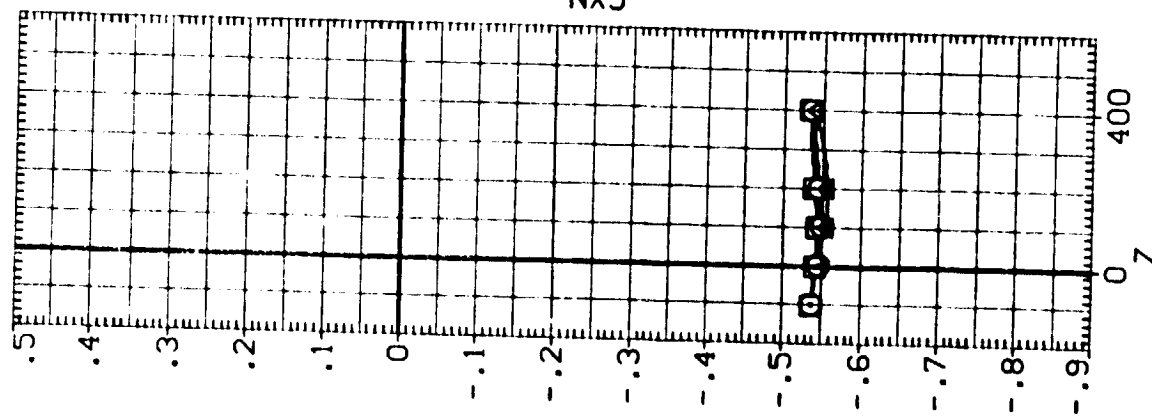


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(B)Y =100.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU267) AEDC/VA528(IAB7)-O1ET(SI)-OR8/ET V R/H SRB SEPAR.  
 (RTU268) AEDC/VA528(IAB7)-O1ET(SI)-OR8/ET V R/H SRB SEPAR.  
 (RTU271) AEDC/VA528(IAB7)-O1ET(SI)-OR8/ET V R/H SRB SEPAR.

DALPHA DBETA X  
 .200 .000 300.000  
 5.200 .000 300.000  
 -4.800 .000 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

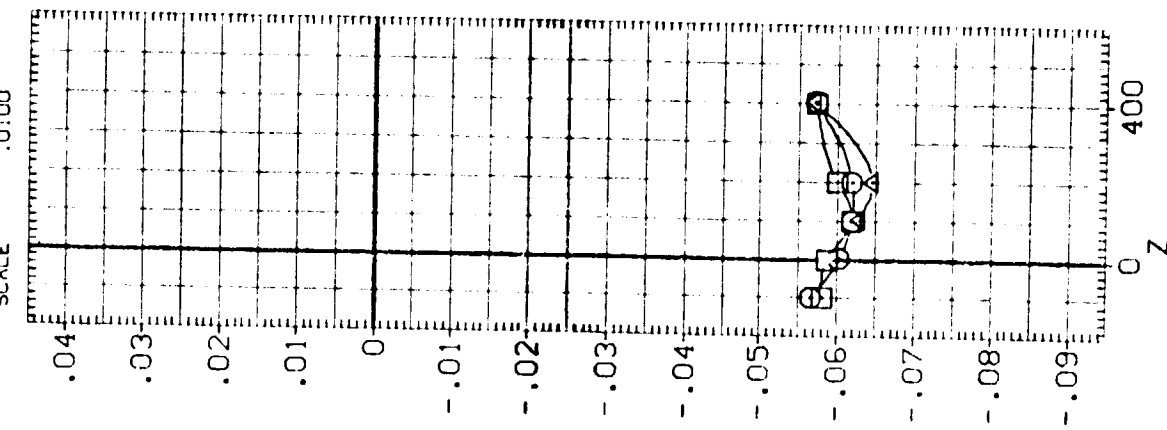
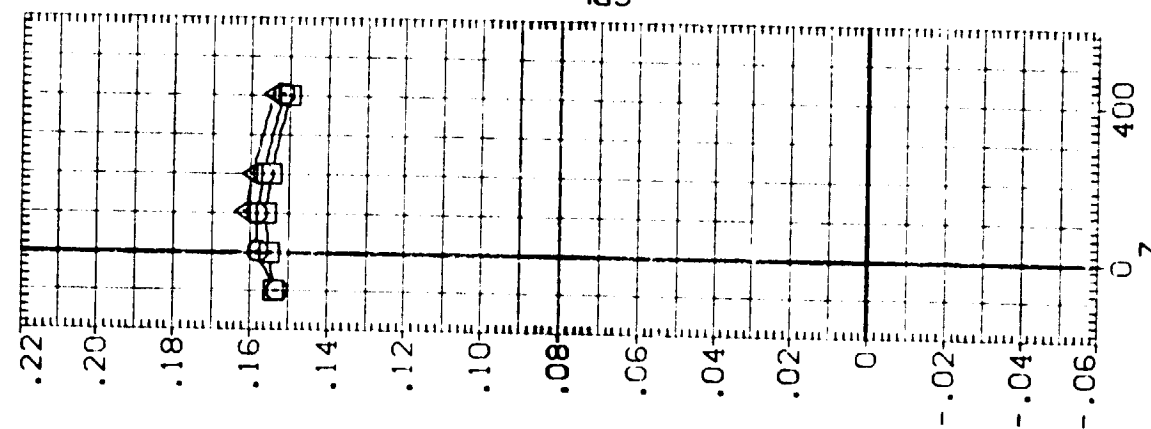
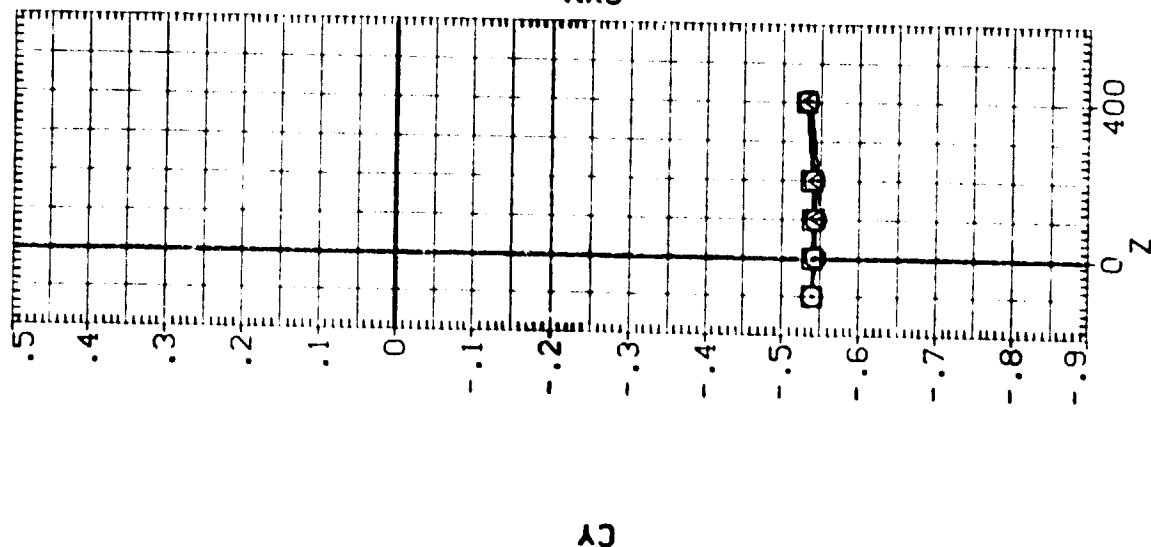


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)  
 (CY) =200.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU267)	AEDC/VA528((A87))-O1ETIS1-OR8/ET V R/H SR8 SEPAR.	.200	.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU268)	AEDC/VA528((A87))-O1ETIS1-OR8/ET V R/H SR8 SEPAR.	5.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU271)	AEDC/VA528((A87))-O1ETIS1-OR8/ET V R/H SR8 SEPAR.	-4.800	.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

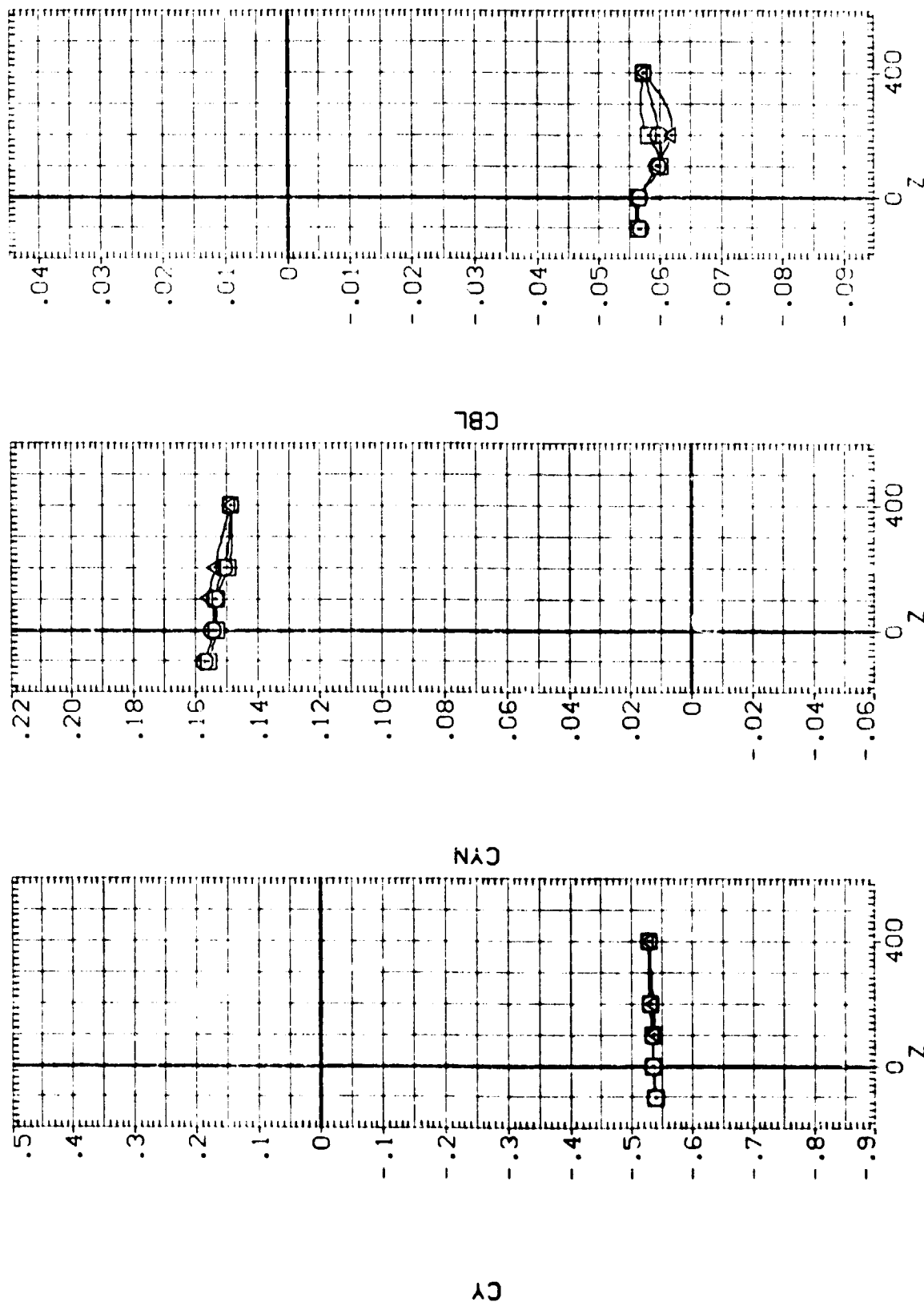


FIG.28 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(CY) = 400.00



# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU272)  
(RTU275)  
(RTU276)



AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

AEDC/VA528(IAB7)-01ET1S1-0RB/ET

MACH

X

DALPHA DBETA

R/H SRB SEPAR.

R/H SRB SEPAR.

R/H SRB SEPAR.

R/H SRB SEPAR.

R/H SRB SEPAR.

R/H SRB SEPAR.

R/H SRB SEPAR.

R/H SRB SEPAR.

R/H SRB SEPAR.

R/H SRB SEPAR.

R/H SRB SEPAR.

R/H SRB SEPAR.

REFERENCE IN INCHES

2690.0000

1290.3000

1290.3000

1290.3000

1097.0000

0.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

450.0000

SCALE

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

0.0100

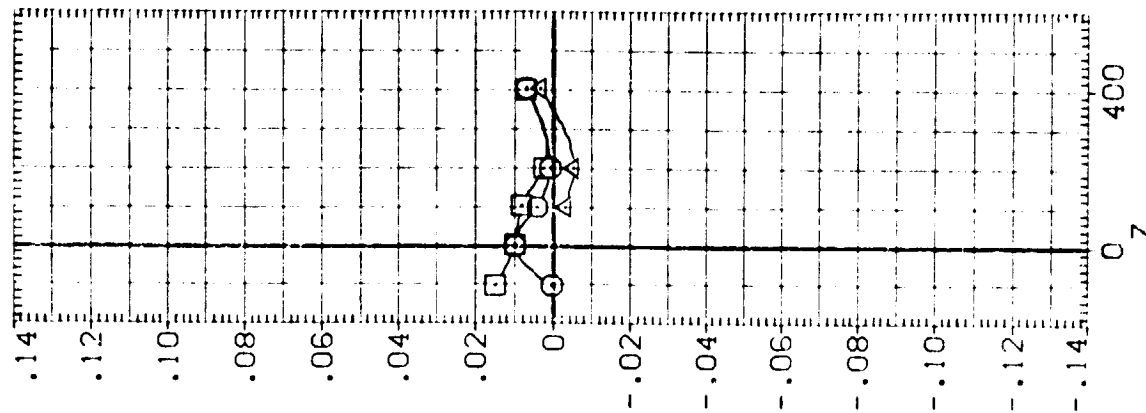
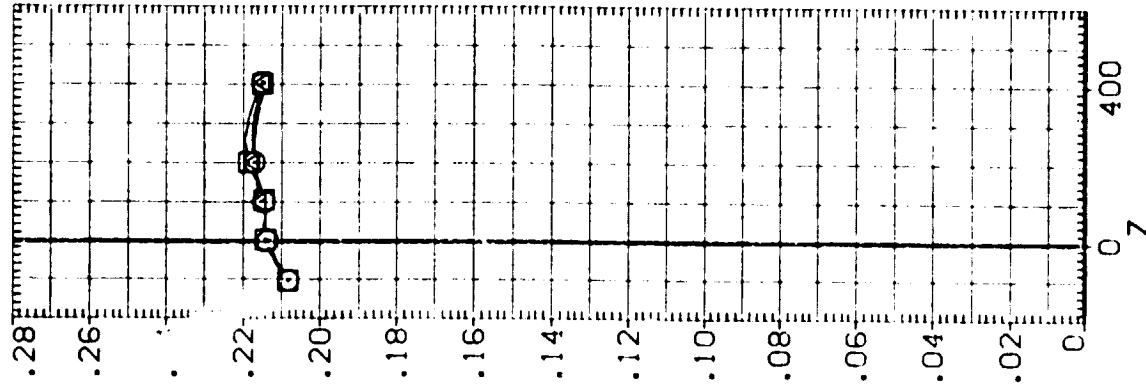
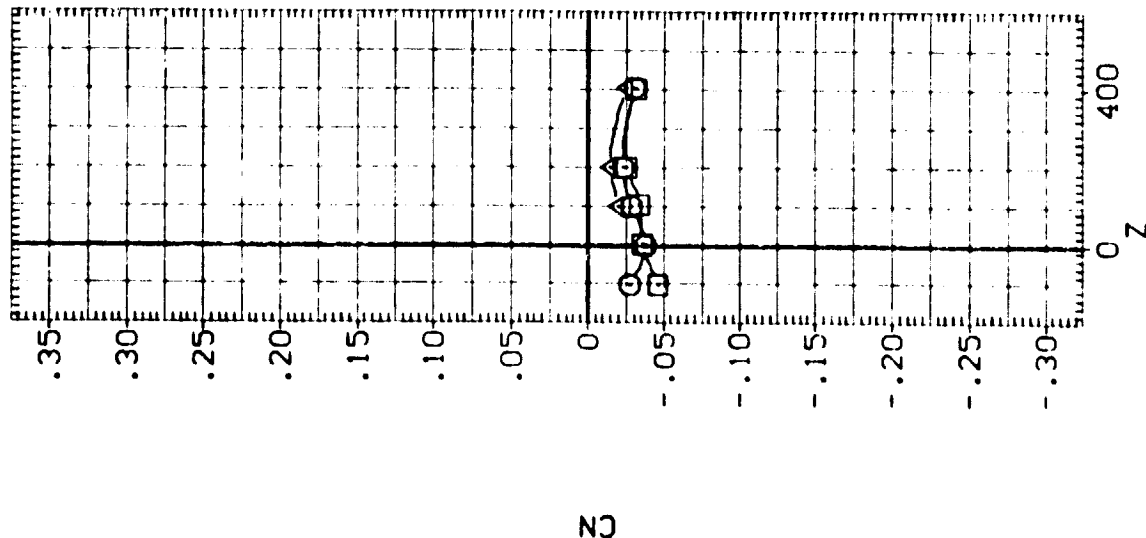


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(B)Y =100.00

DATA SET SYMBOL: (RTU272) (RTU275) (RTU276)

CONFIGURATION DESCRIPTION: AEDC/VAS28(1A67)-01ET(S) ORB/ET V R/H SRB SEPAR. AEDC/VAS28(1A67)-01ET(S) -SRB/ET V R/H SRB SEPAR. AEDC/VAS28(1A67)-01ET(S) -SRB/ET V R/H SRB SEPAR.

REFERENCE INFORMATION: SRP 2690.0000 SQ. FT. 50. FT. LREF 1290.3000 INCHES 1290.3000 INCHES XMRP 1097.0000 IN. XT YMRP .0000 IN. YT ZMRP 450.0000 IN. ZT SCALE .0100

MACH 4.520 X .000 DBETA .200 D ALPHA .520

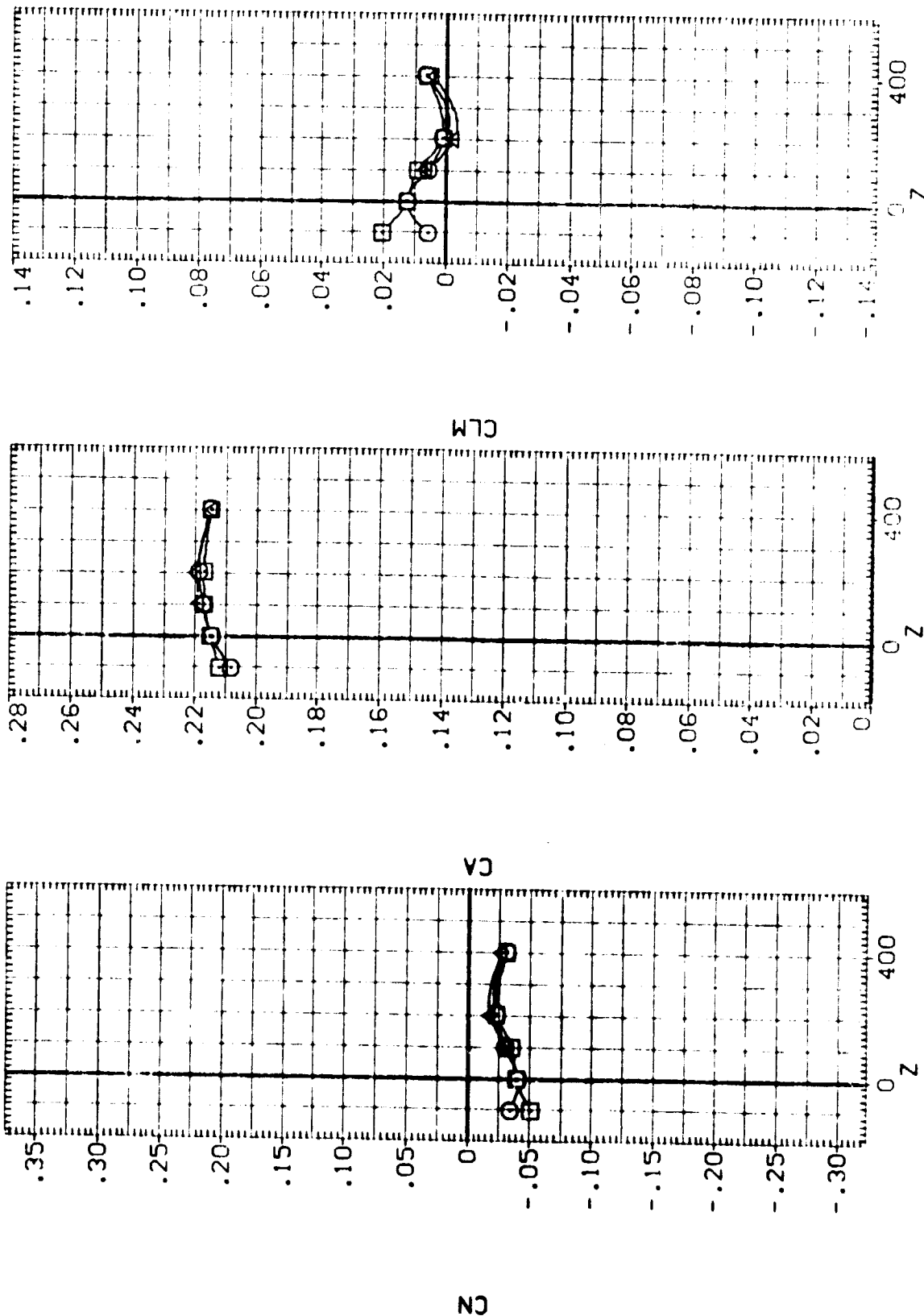


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	BETA	X	MACH	REFERENCE IN.	UNITS
(RTU272)	AEDC/VAS281AB71-01ETIS1-SRB SEPAR.	.200	-4.000	.000	4.520	2690	SO. FT.
(RTU275)	AEDC/VAS281AB71-01ETIS1-SRB SEPAR.	5.200	-4.000	.000	4.520	1290	INCHES
(RTU276)	AEDC/VAS281AB71-01ETIS1-SRB SEPAR.	-4.800	-4.000	.000	4.520	1290	INCHES
						1.097	IN. XT
						.0000	IN. YT
						.0000	IN. ZT
						450.	SCALE
						.0100	

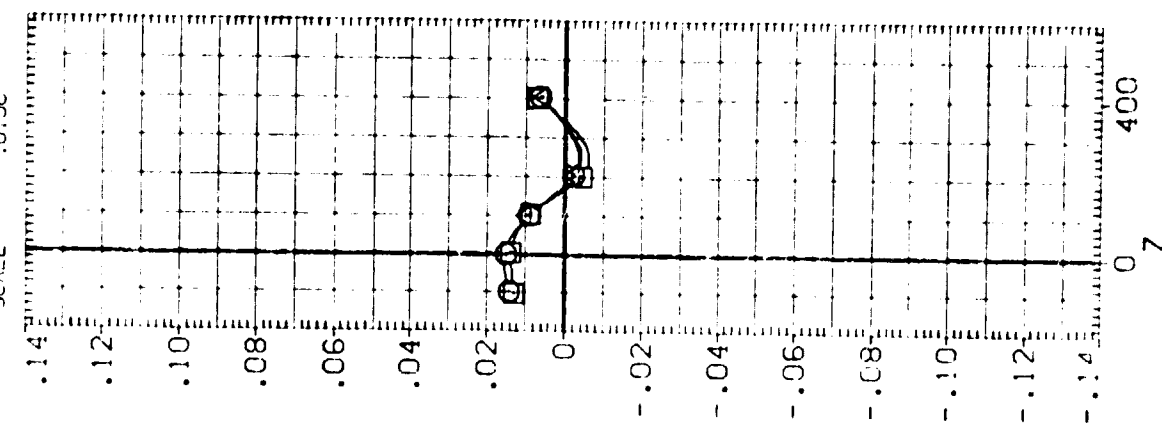
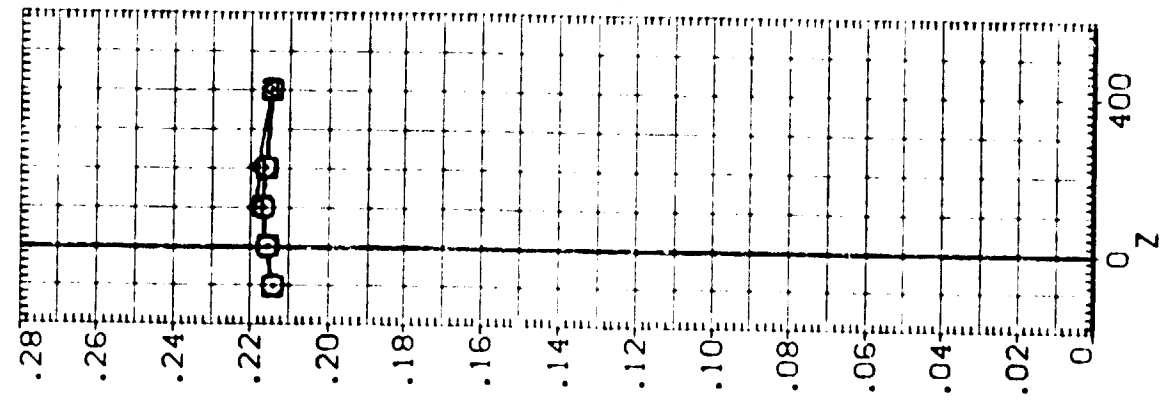
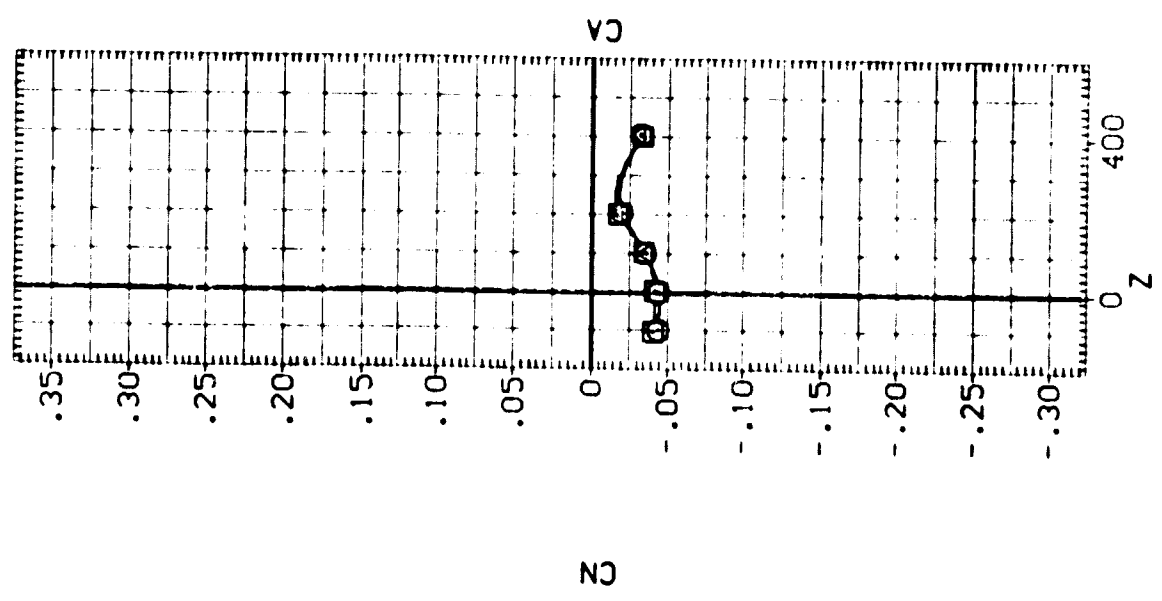


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DELTA	BETA	X	MACH	REFERENCE INFORMATION
(RTU272)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	.200	-4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU275)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	5.200	-4.000	.000	4.520	LREF 290.3000 INCHES
(RTU276)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET	-4.800	-4.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP 450.0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

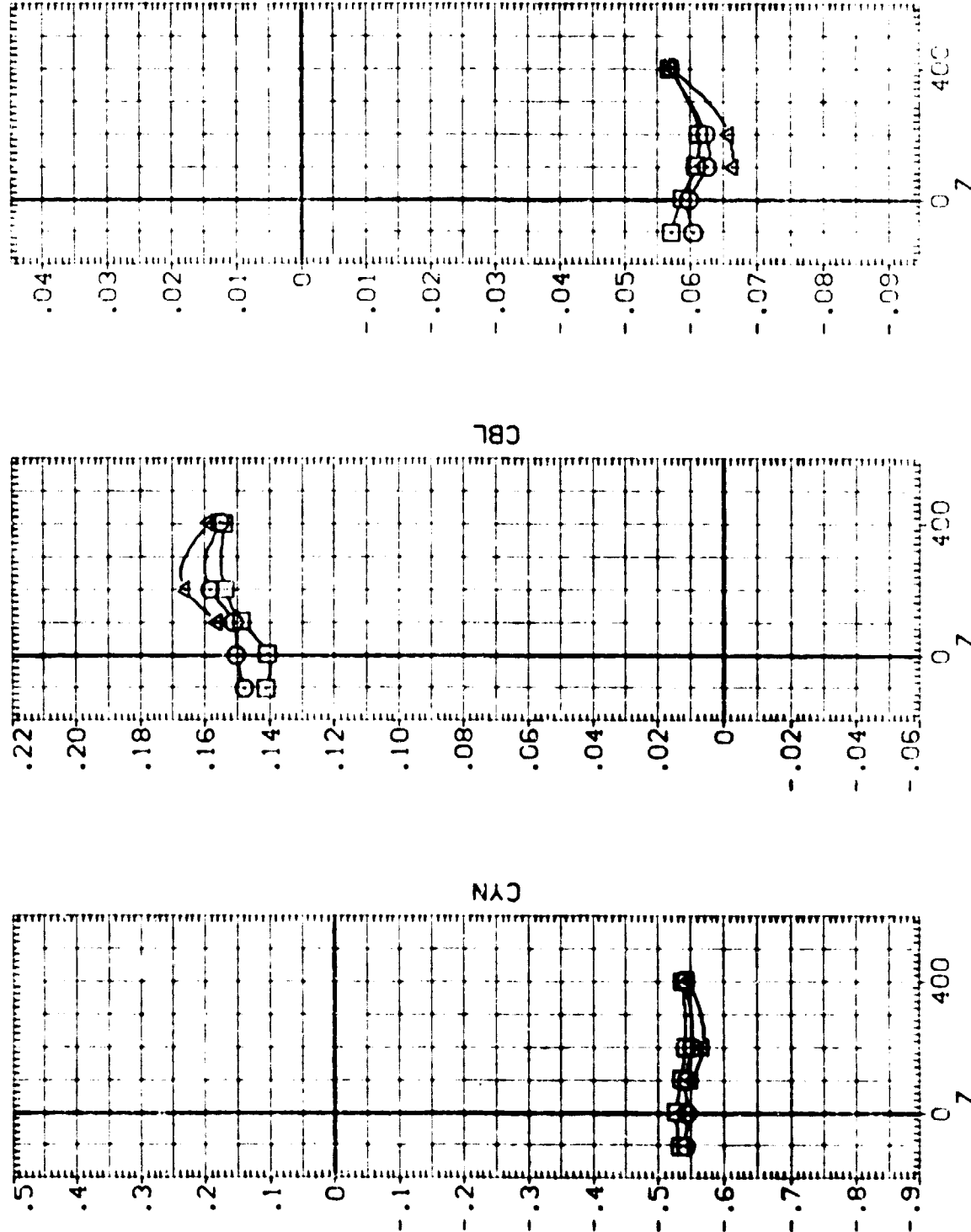


FIG.28 0/ET AERO CHARACTER W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU272)	AEDC/VAS28(1A87)-O1ET(1S1)-OR8/ET	200	-4.000	.000	4.520	SREF 2650.0000 SQ.FT.
(RTU275)	AEDC/VAS28(1A87)-O1ET(1S1)-OR8/ET	5.230	-4.000	.000	4.520	LREF 1290.3000 INCHES
(RTU276)	AEDC/VAS28(1A87)-O1ET(1S1)-OR8/ET	-4.800	-4.000	.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

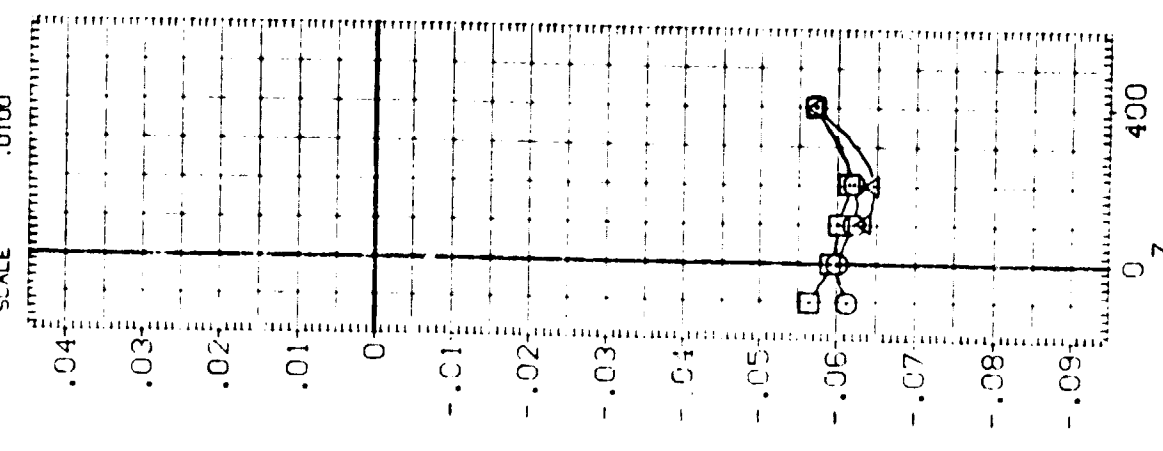
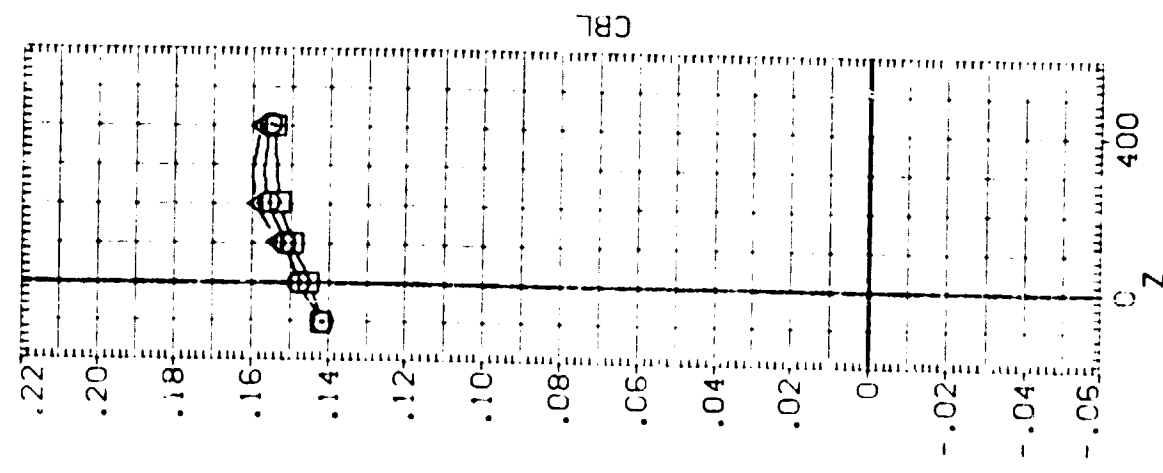
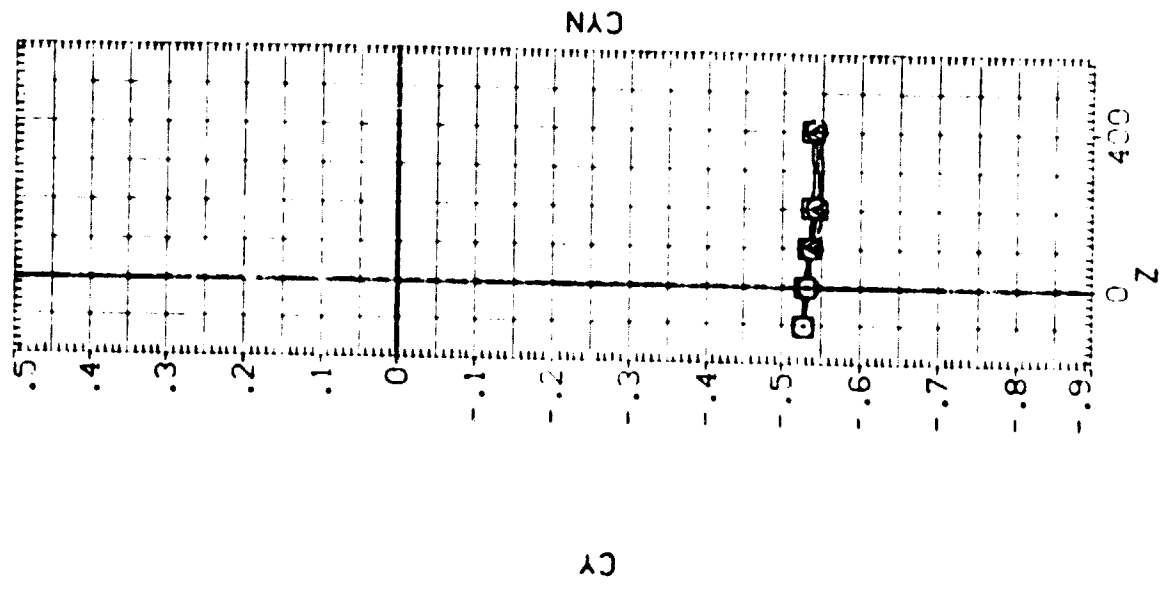


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(CY) =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU272)	AEDC/VAS28(1A87) - OIETIS1 - ORB/ET V R/H SRB SEPAR.	.200	-4.000	.000	4.520	SR-F 2690.0000 SQ. FT.
(RTU275)	AEDC/VAS28(1A87) - OIETIS1 - ORB/ET V R/H SRB SEPAR.	5.200	-4.000	.000	4.520	REF 1290.3000 INCHES
(RTU276)	AEDC/VAS28(1A87) - OIETIS1 - ORB/ET V R/H SRB SEPAR.	-4.800	-4.000	.000	4.520	SREF 1290.3000 INCHES
						XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

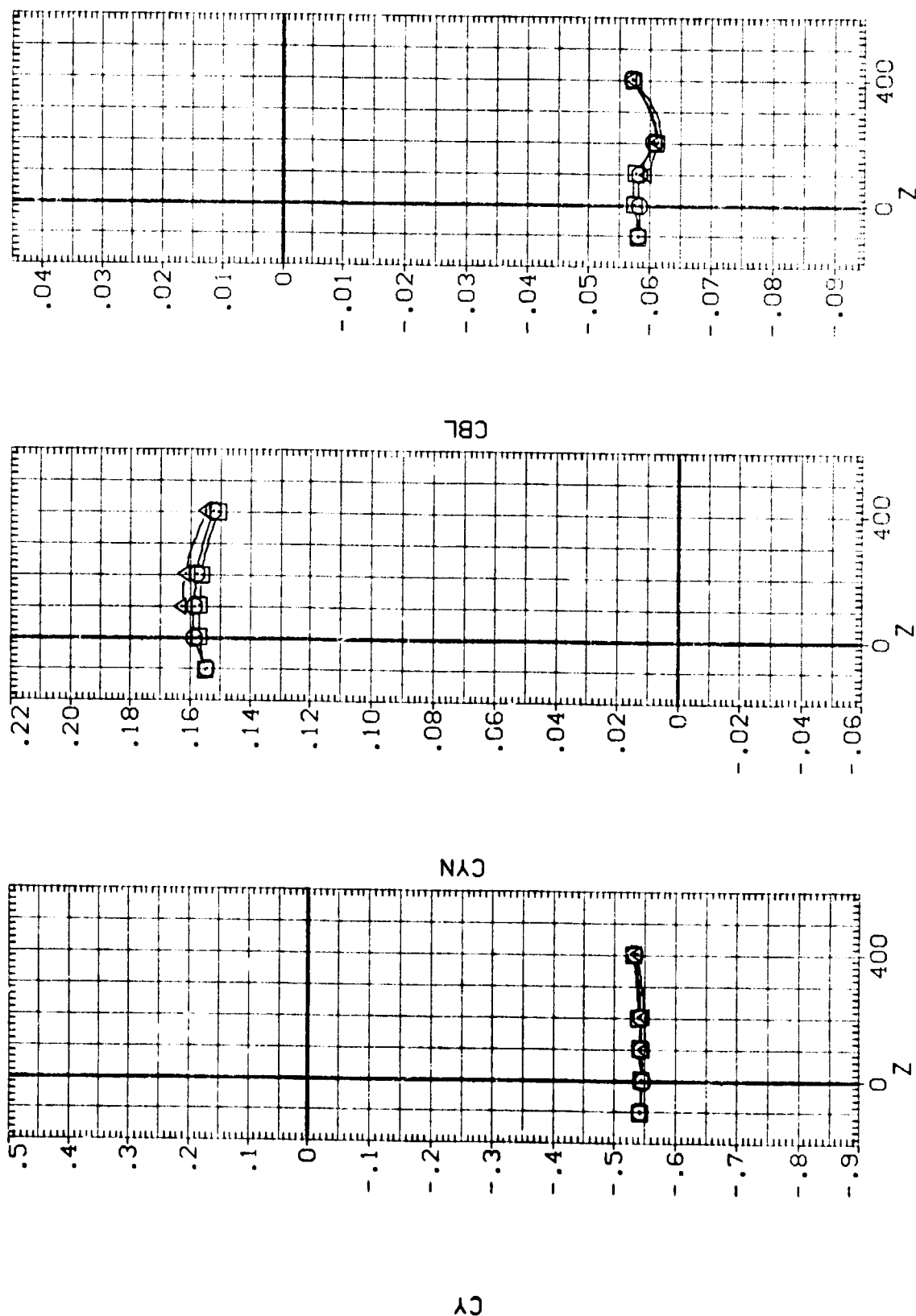


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(O)Y =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU273)	AEDC/VAS28(1A87)-01ET(S)-0RB/ET	200	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU274)	AEDC/VAS28(1A87)-01ET(S)-0RB/ET	5.200	-4.000	300.000	4.520	LREF 1250.3000 INCHES
(RTU277)	AEDC/VAS28(1A87)-01ET(S)-0RB/ET	-4.800	-4.000	300.000	4.520	BREF 1250.3000 IN. XT
						YMRP .0000 IN. YT
						ZMRP .0000 IN. ZT
						SCALE 45.0100

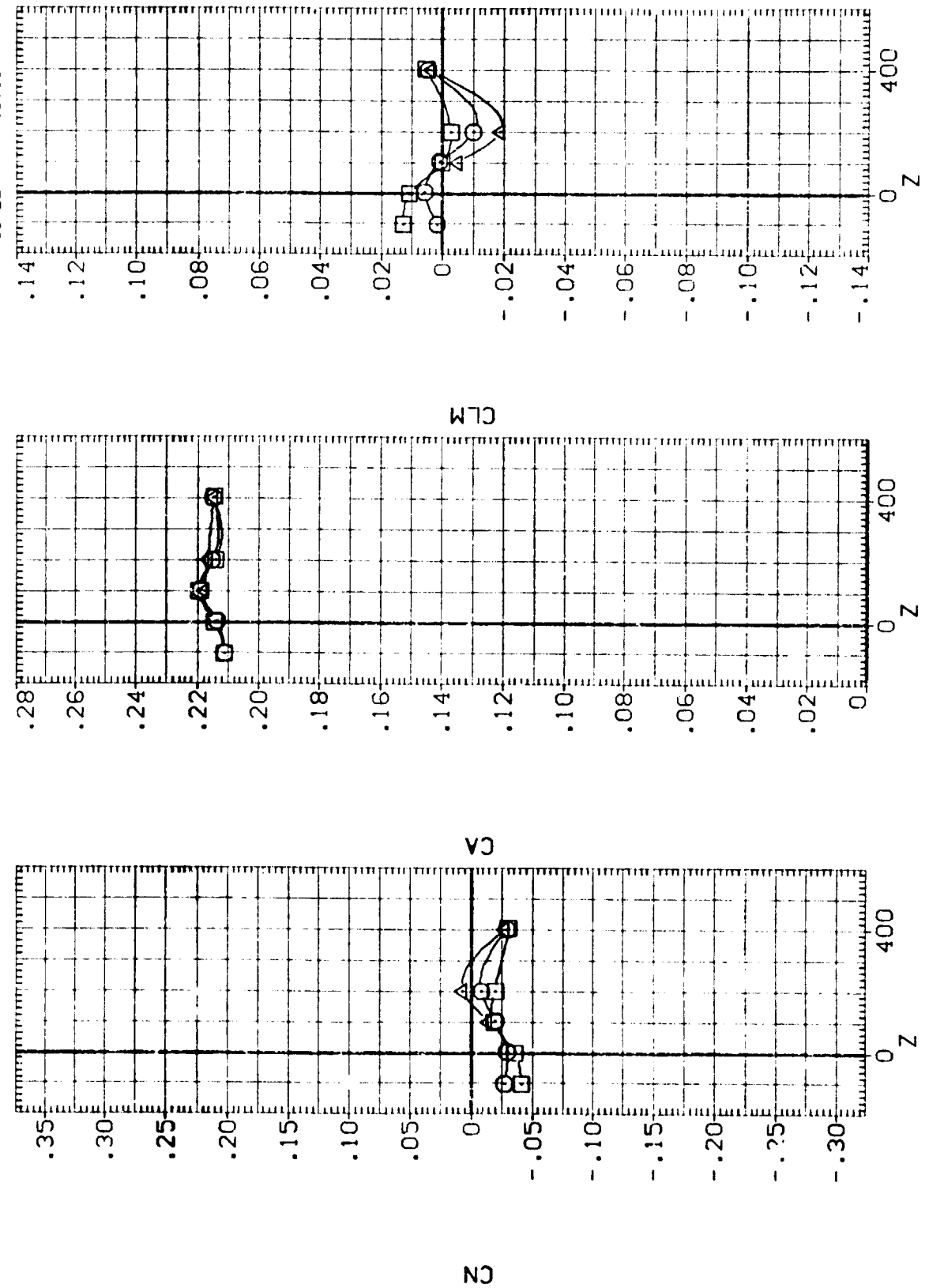


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(B)Y =100.00



DATA SET SYMBOL: (RTU273) (RTU274) (RTU277)

CONFIGURATION DESCRIPTION: AEDC/VA528(1A87)-01ET:SI-OR8/ET AEDC/VA528(1A87)-01ET:SI-OR8/ET AEDC/VA528(1A87)-01ET:SI-OR8/ET

DALPHA DBETA X 4.520 4.520 4.520

R/H SRB SEPAR. V R/H SRB SEPAR. V R/H SRB SEPAR. V

REFERENCE INFORMATION: SQ. FT. INCHES IN. XT IN. YT IN. ZT

SREF 2690.0000 SREF 1290.3000 SREF 1290.3000

BREF 1290.3000 BREF 1097.0000 BREF 1097.0000

YMRP .0000 YMRP .0000 YMRP .0000

ZMRP .0100 ZMRP .0100 ZMRP .0100

SCALE .0100 SCALE .0100 SCALE .0100

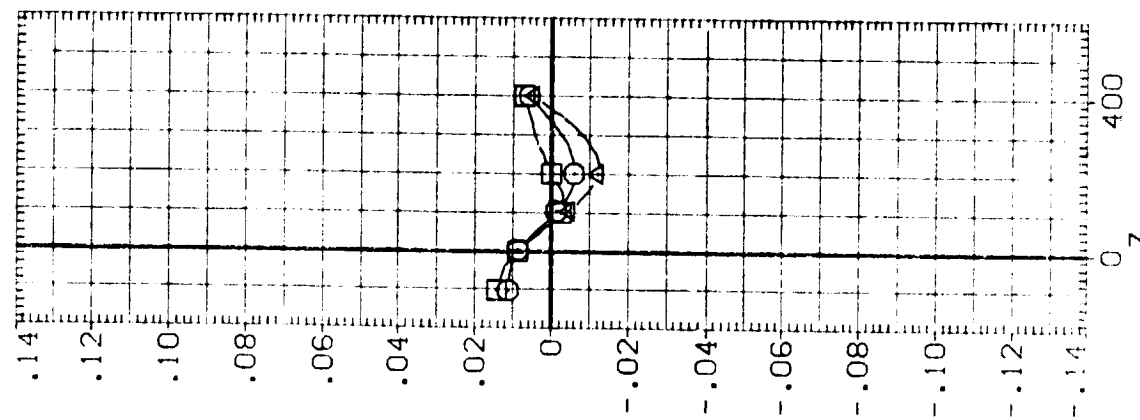
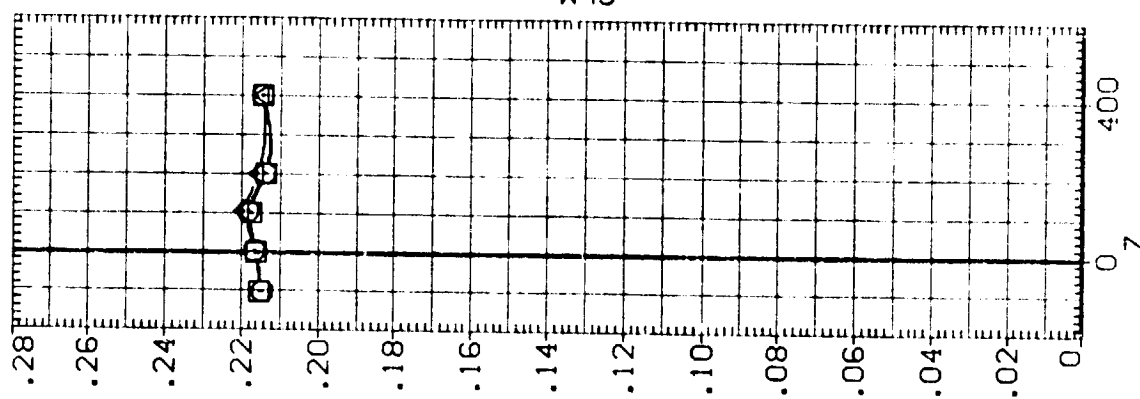
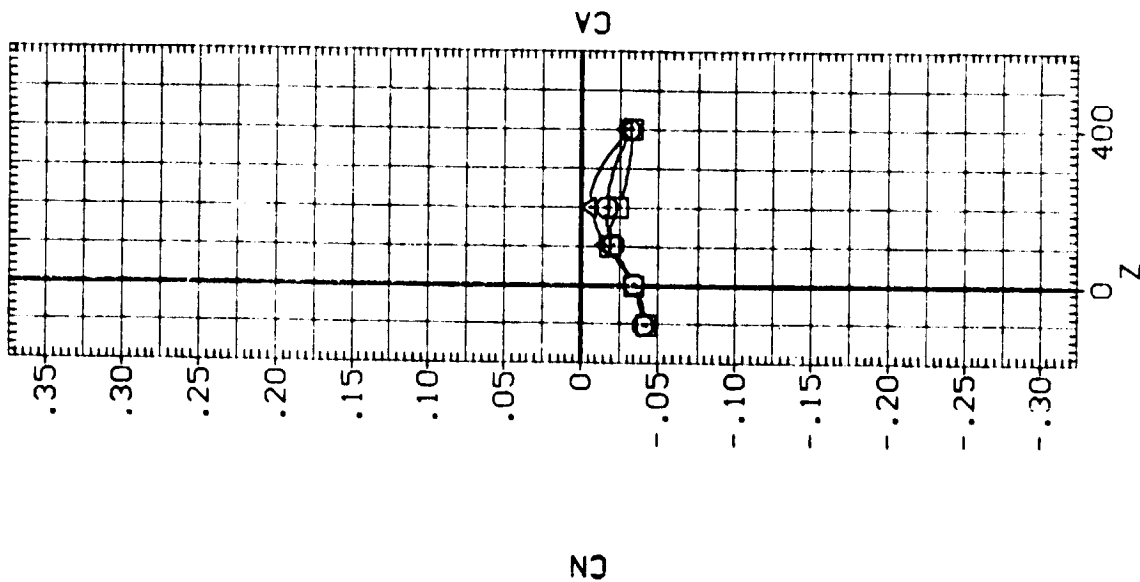


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H SRB SEPAR.	DELTA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU273)	AEDC/VAS28(1A87)-01ETIS1-ORB/ET	V	.200	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU274)	AEDC/VAS28(1A87)-01ETIS1-ORB/ET	V	5.200	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(PTU277)	AEDC/VAS28(1A87)-01ETIS1-ORB/ET	V	-4.800	-4.000	300.000	4.520	BREF 1290.3000 INCHES
							XMRP 1097.0000 IN. XT
							YMRP .0000 IN. YT
							ZMRP 450.0000 IN. ZT
							SCALE .0100

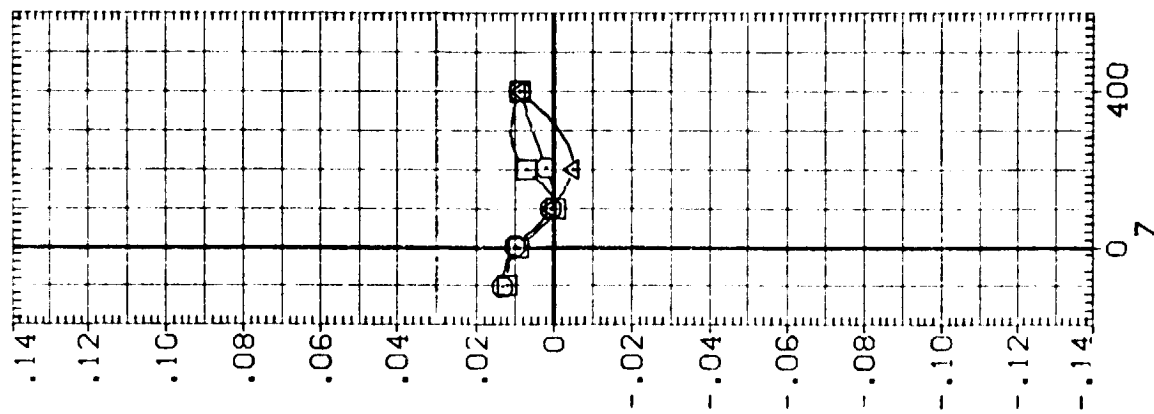
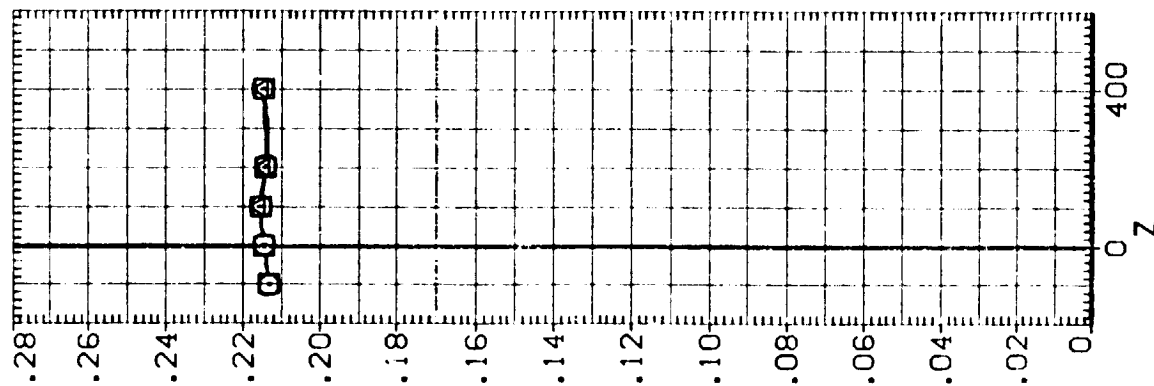
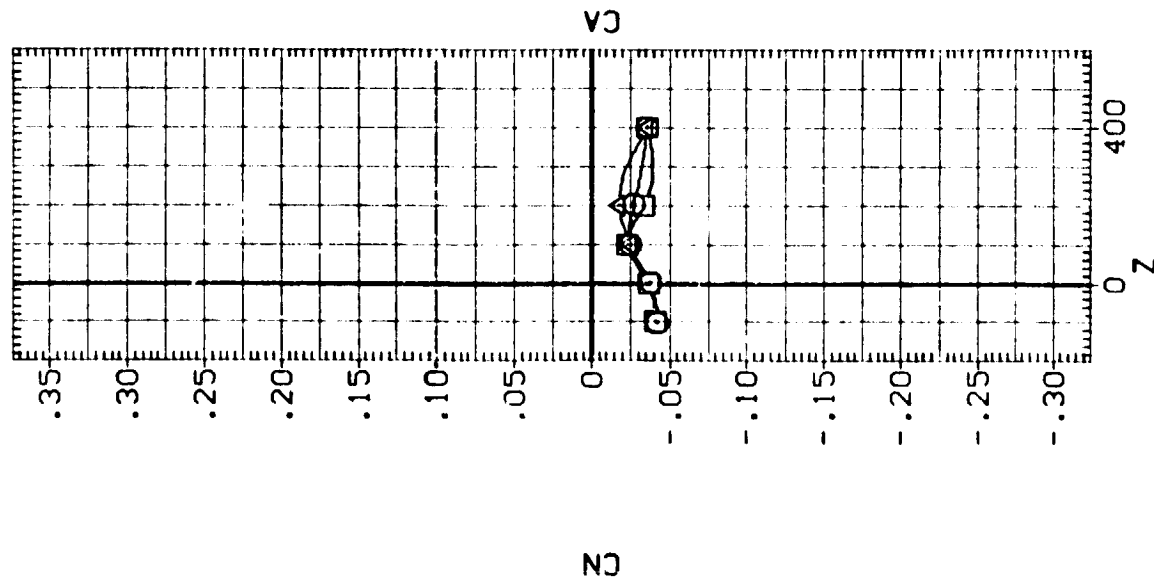


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(D)Y =400.00

DATA SET SYMBOL		CONFIGURATION DESCRIPTION		DALPHA		DBETA		X		MACH		REFERENCE INFORMATION	
(RTU273)	□	AEDC/VA528(IAB7)-O1ETIS1	-ORB/ET V	R/H	SRB	SEPAR.	.200	-4.000	300.000	4.520	SREF	2690.0000	SQ.FT.
(RTU274)	□	AEDC/VA528(IAB7)-O1ETIS1	-ORB/ET V	R/H	SRB	SEPAR.	5.200	-4.000	300.000	4.520	LREF	1290.3000	INCHES
(RTU277)	□	AEDC/VA528(IAB7)-O1ETIS1	-ORB/ET V	R/H	SRB	SEPAR.	-4.800	-4.000	300.000	4.520	BREF	1290.3000	INCHES
											YMRP	1097.0000	IN. YT
											ZMRP	.0000	IN. ZT
											SCALE	450.0100	

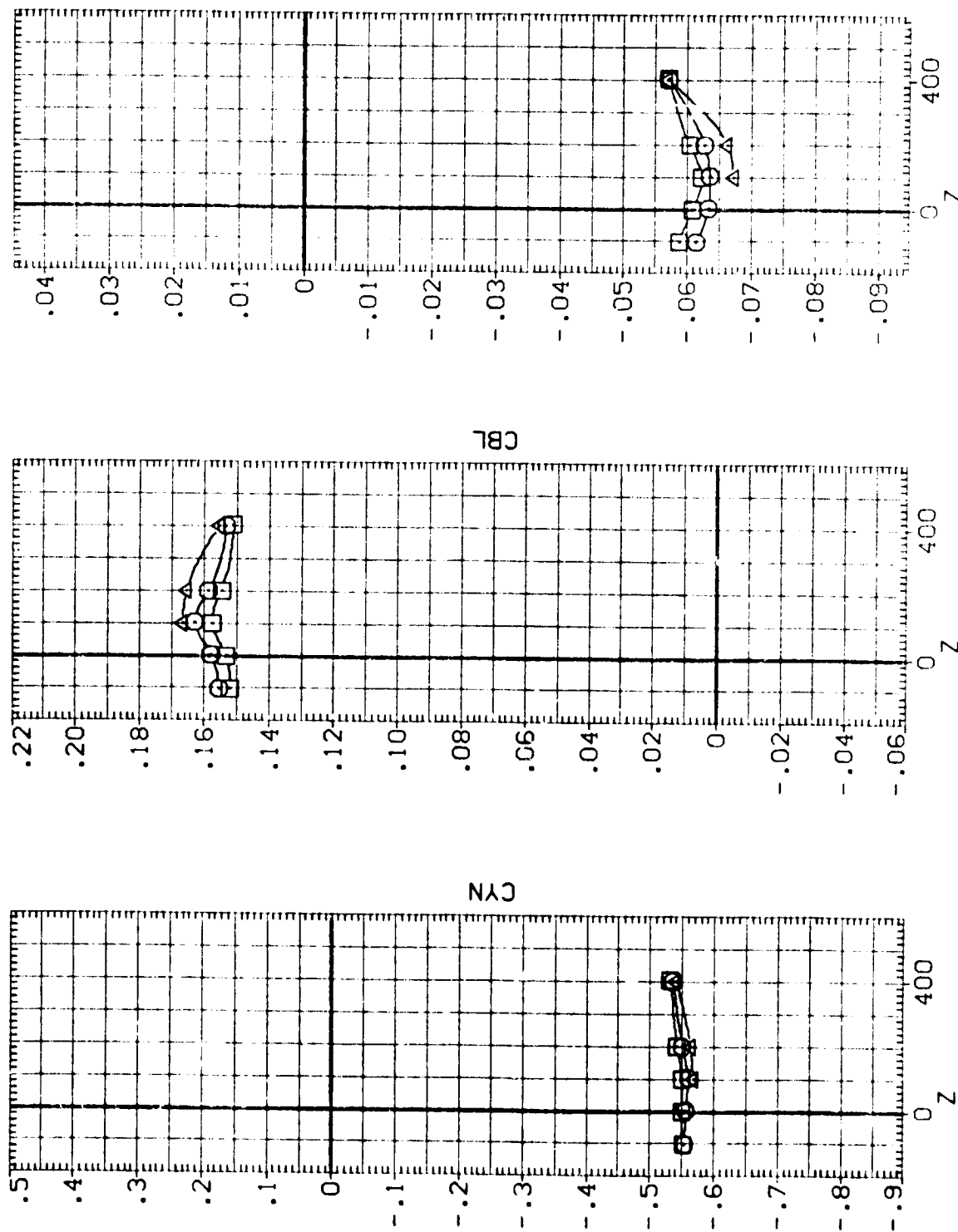


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU273)	AEDC/VAS28(IAB7)-O1ETIS1-ORB/ET V	.200	-4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU274)	AEDC/VAS28(IAB7)-O1ETIS1-ORB/ET V	5.200	-4.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU277)	AEDC/VAS28(IAB7)-O1ETIS1-ORB/ET V	-4.800	-4.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP 1097.0000 IN. YT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

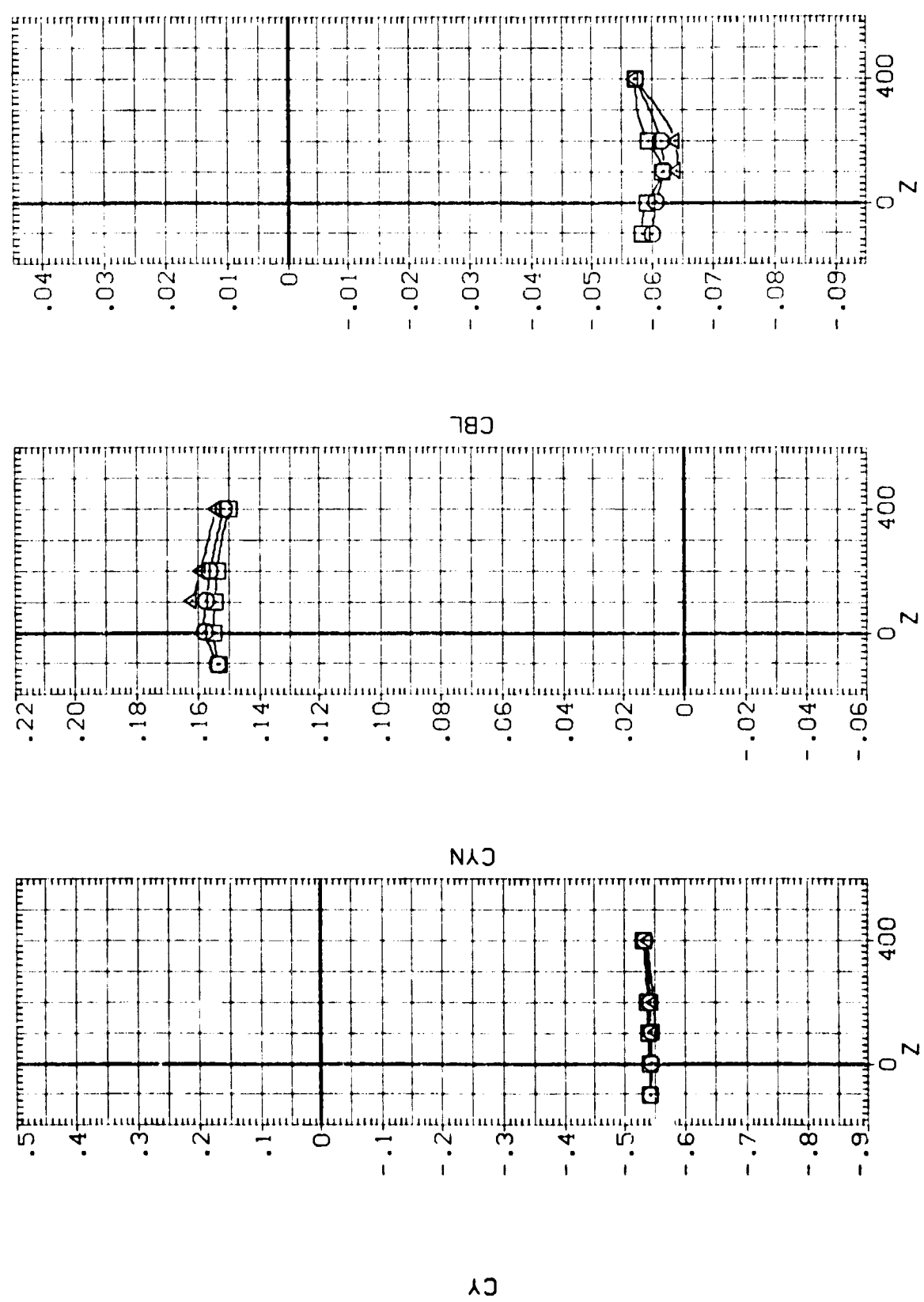


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU273) AEDC/VAS28(1A87)-01ET1SI-0R8/ET  
 (RTU274) AEDC/VAS28(1A87)-01ET1SI-0R8/ET  
 (RTU277) AEDC/VAS28(1A87)-01ET1SI-0R8/ET

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU273) AEDC/VAS28(1A87)-01ET1SI-0R8/ET  
 (RTU274) AEDC/VAS28(1A87)-01ET1SI-0R8/ET  
 (RTU277) AEDC/VAS28(1A87)-01ET1SI-0R8/ET

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP 450.0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

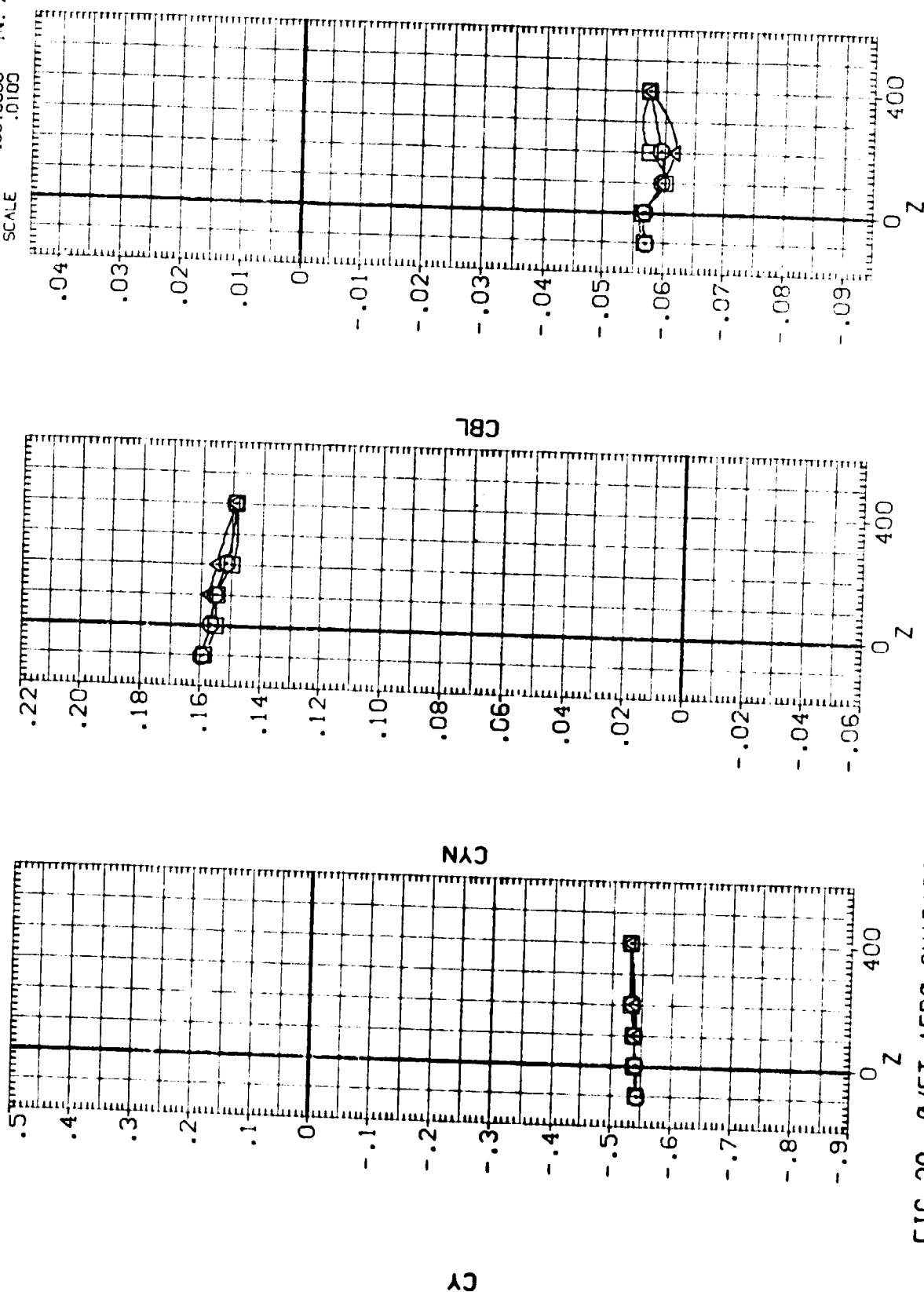


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)  
 (D)Y =400.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU278) Q AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SR3 SEPAR.  
 (RTU281) Z AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SR3 SEPAR.  
 (RTU282) Z AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SR3 SEPAR.

MACH 4.520  
 4.520  
 4.520

X

DBETA .000  
 .000  
 .000

DALPHA .200  
 .200  
 -4.800

SR3 SEPAR.  
 SR3 SEPAR.  
 SR3 SEPAR.

REFERENCE INFORMATION

SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

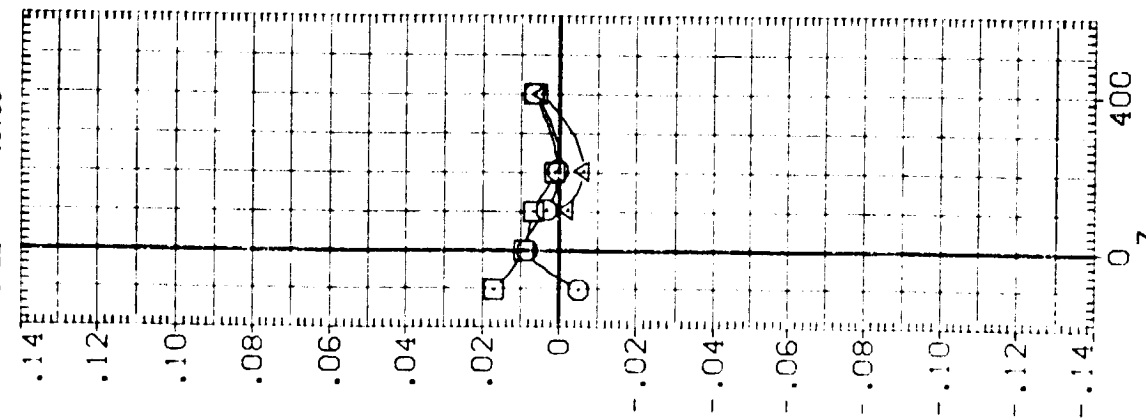
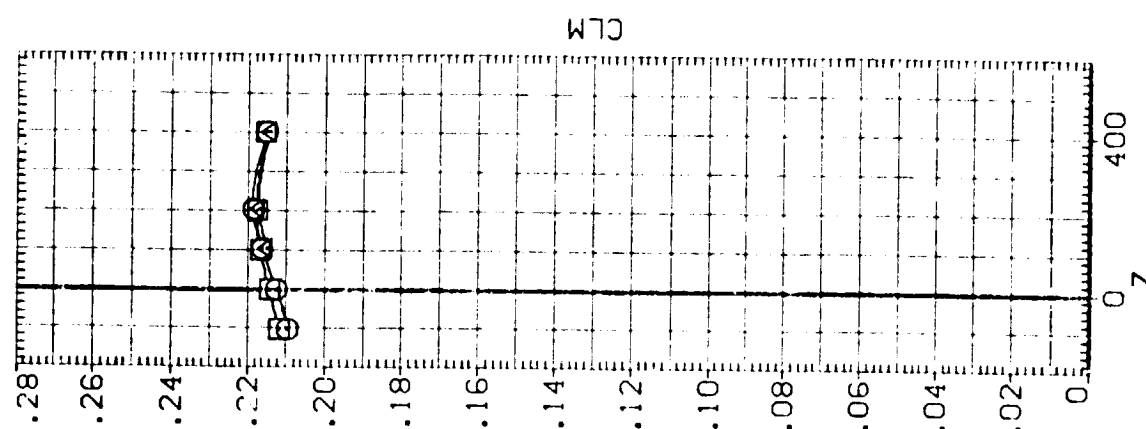
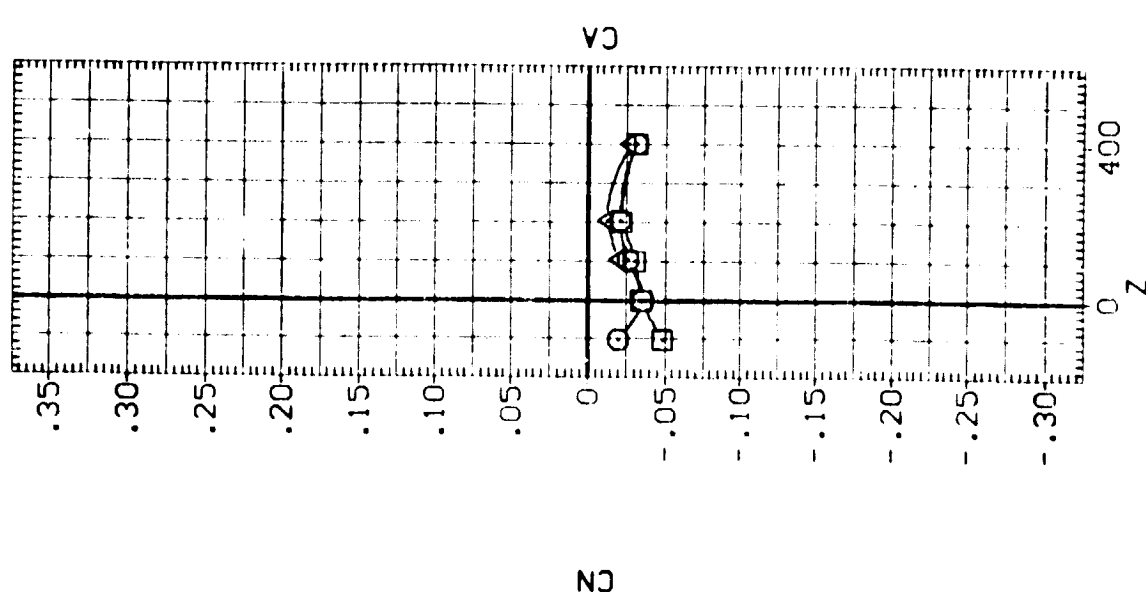


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00

# DATA SET SYMBOL

(RTU278)  
(RTU281)  
(RTU282)



## CONFIGURATION DESCRIPTION

AEDC/VAS281(A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS281(A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.  
AEDC/VAS281(A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.

DALPHA DBETA X

4.520 .000  
4.520 .000  
4.520 .000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SRC 2690.0000 SO. FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 450.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

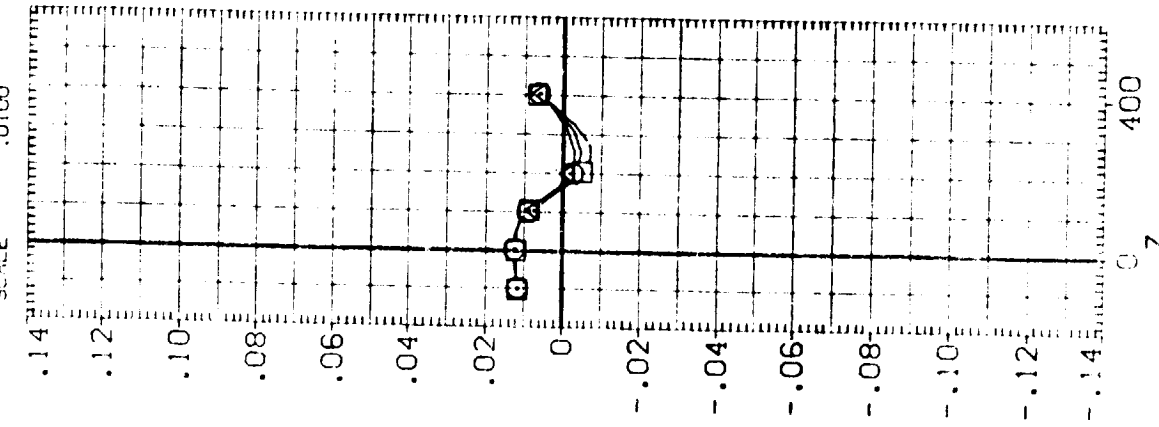
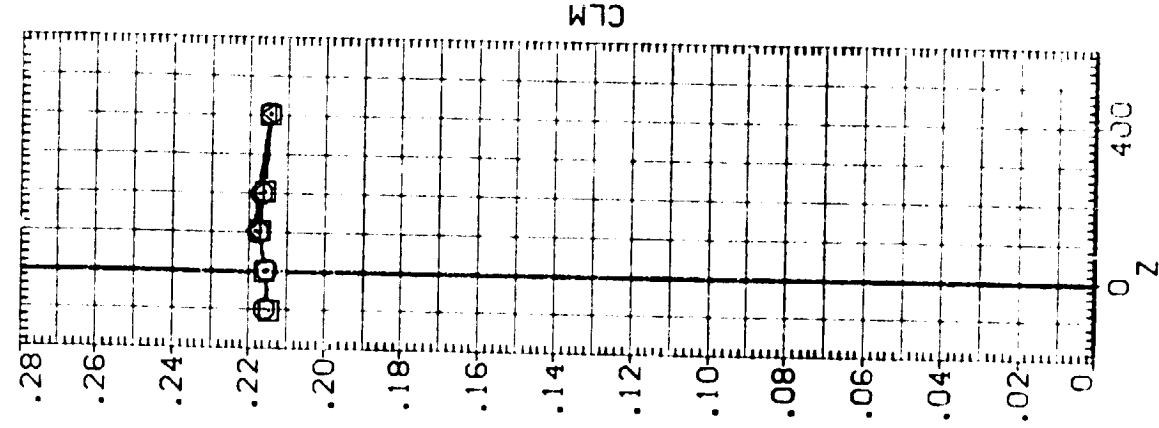
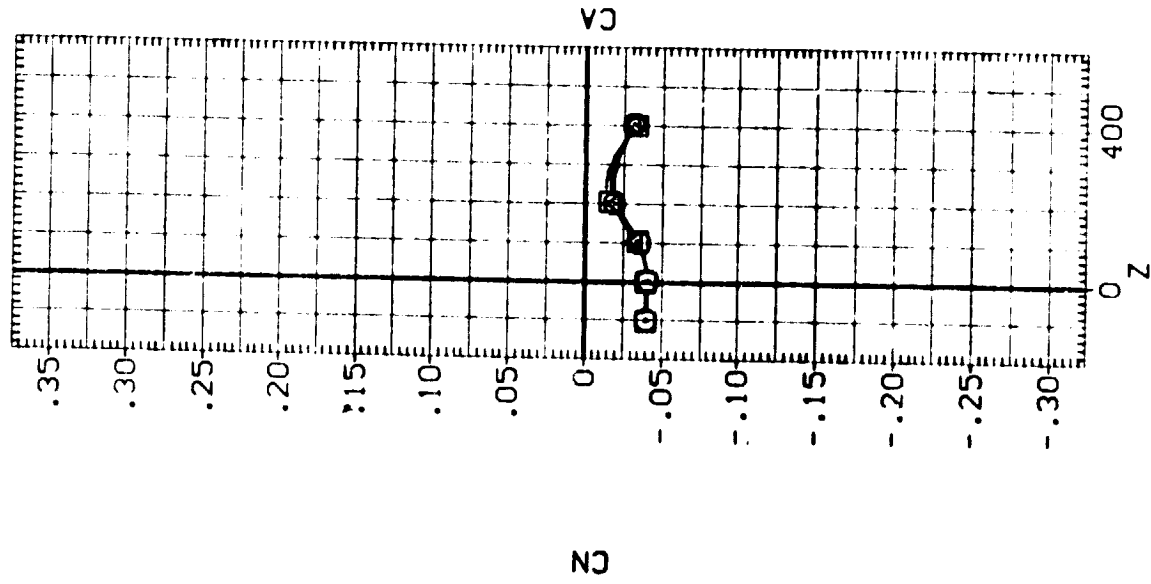


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(D)Y =400.00





DATA SET SYMBOL	CONF IGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU278)	AEDC/VA528(1A87)-01ETISI-OR8/ET	.200	-8.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU281)	AEDC/VA528(1A87)-01ETISI-OR8/ET	5.200	-8.000	.000	4.520	LREF 1290.3000 INCHES
(RTU282)	AEDC/VA528(1A87)-01ETISI-OR8/ET	-4.800	-8.000	.000	4.520	BREF 1290.3000 INCHES
						XMRD .0000 IN. XT
						YMRD .0000 IN. YT
						ZMRD .0000 IN. ZT
						SCALE .0100

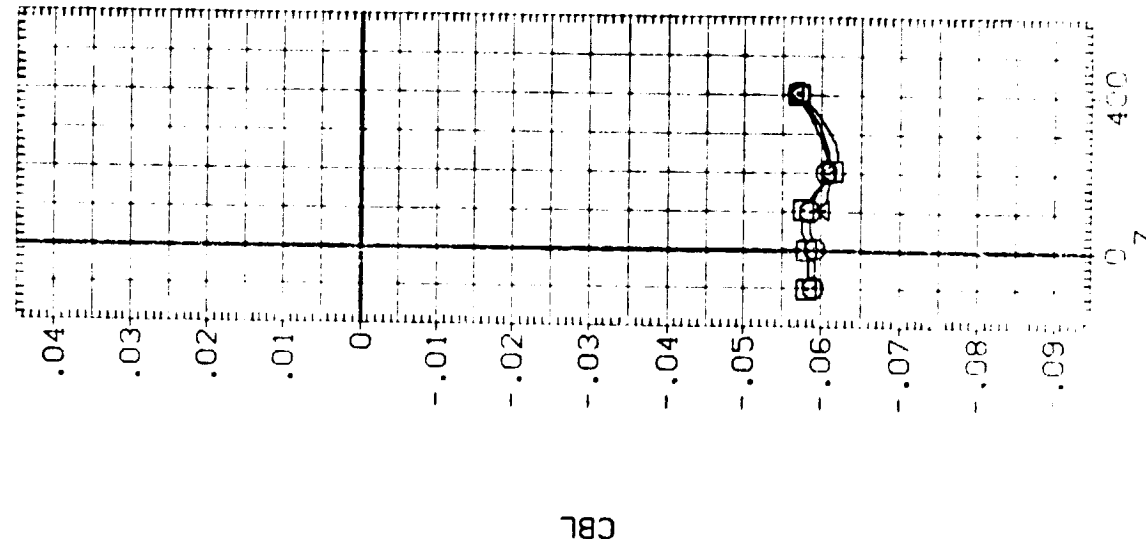
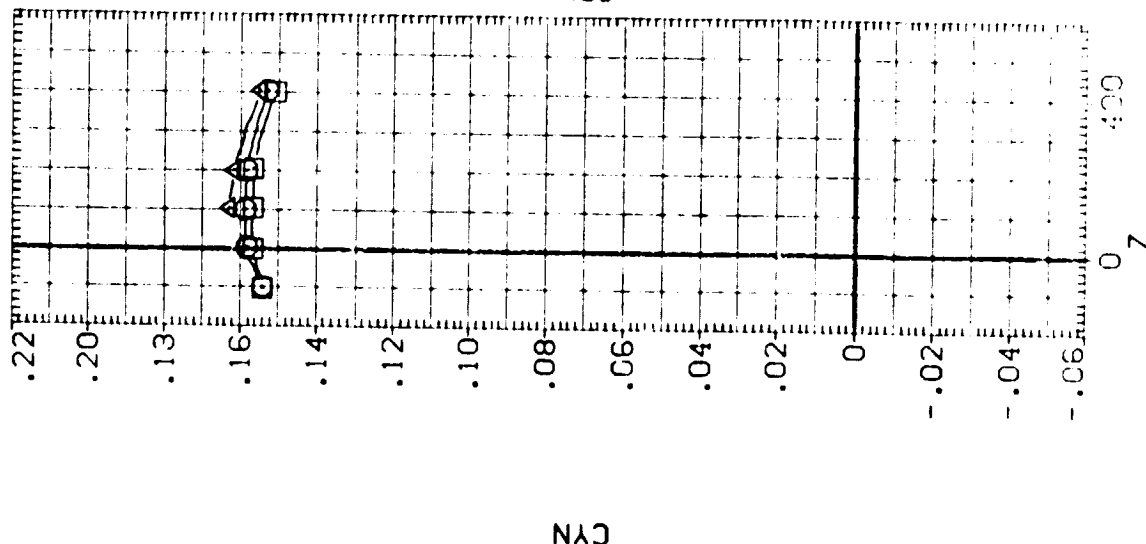
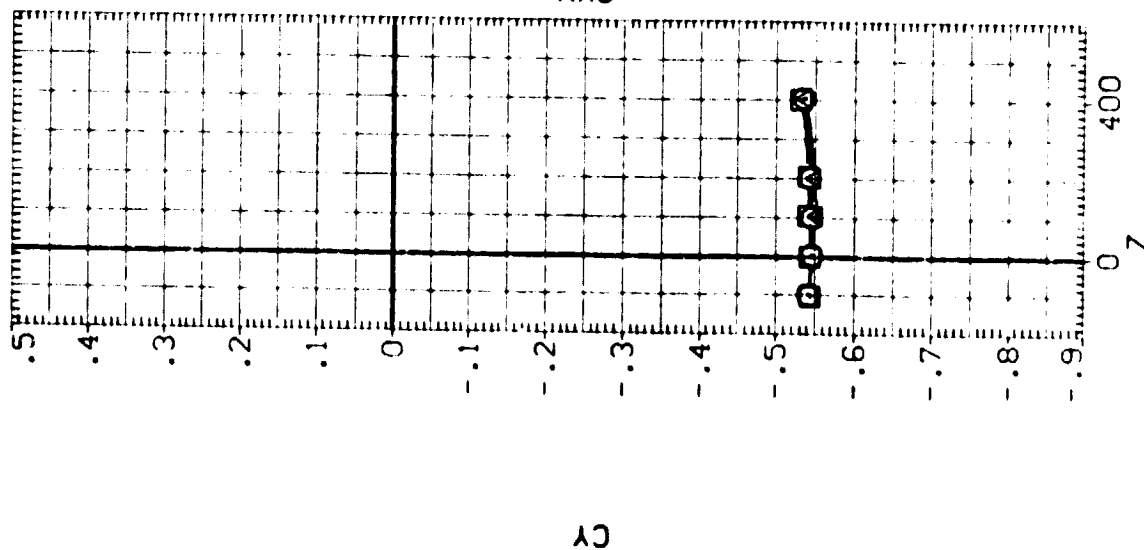


FIG.28 O/ET AERO CHARACT W/RIGHT SR3 SEPARATING (ALPHA=-5.5 BETA=15.7)  
(D)Y =400.00



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU279)	AEDC/VAS281(A87)-01ET(S)-08B/ET V R/H SRB SEPAR.	.200	-8.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU280)	AEDC/VAS281(A87)-01E(S)-08B/ET V R/H SRB SEPAR.	5.200	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU283)	AEDC/VAS281(A87)-01ET(S)-08B/ET V R/H SRB SEPAR.	-4.800	-8.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRP .0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP .0000 IN. ZT
						SCALE 450.0000
						.0100

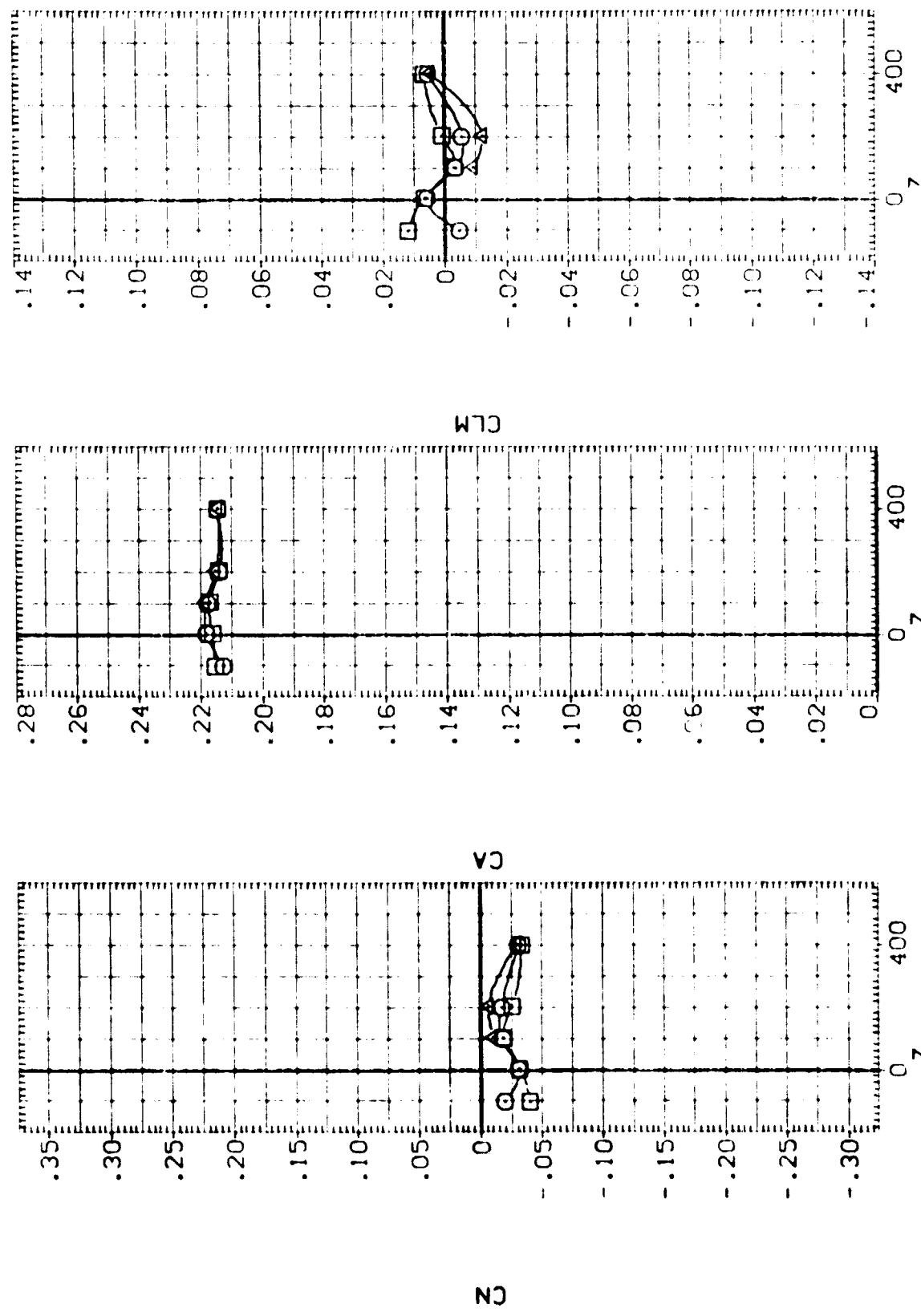


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RTU279) AEDC/VA528(1A87)-O1ET151-OR8/ET V R/H SR8 SEPAR.  
 (RTU280) AEDC/VA528(1A87)-O1ET151-OR8/ET V R/H SR8 SEPAR.  
 (RTU283) AEDC/VA528(1A87)-O1ET151-OR8/ET V R/H SR8 SEPAR.

DALPHA DBETA X  
 .200 -8.000 300.000  
 5.200 -8.000 300.000  
 -4.800 -8.000 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2630.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XWRP 1097.0000 IN. XT  
 YWRP 0.0000 IN. YT  
 ZWRP 450.0000 IN. ZT  
 SCALE .0100

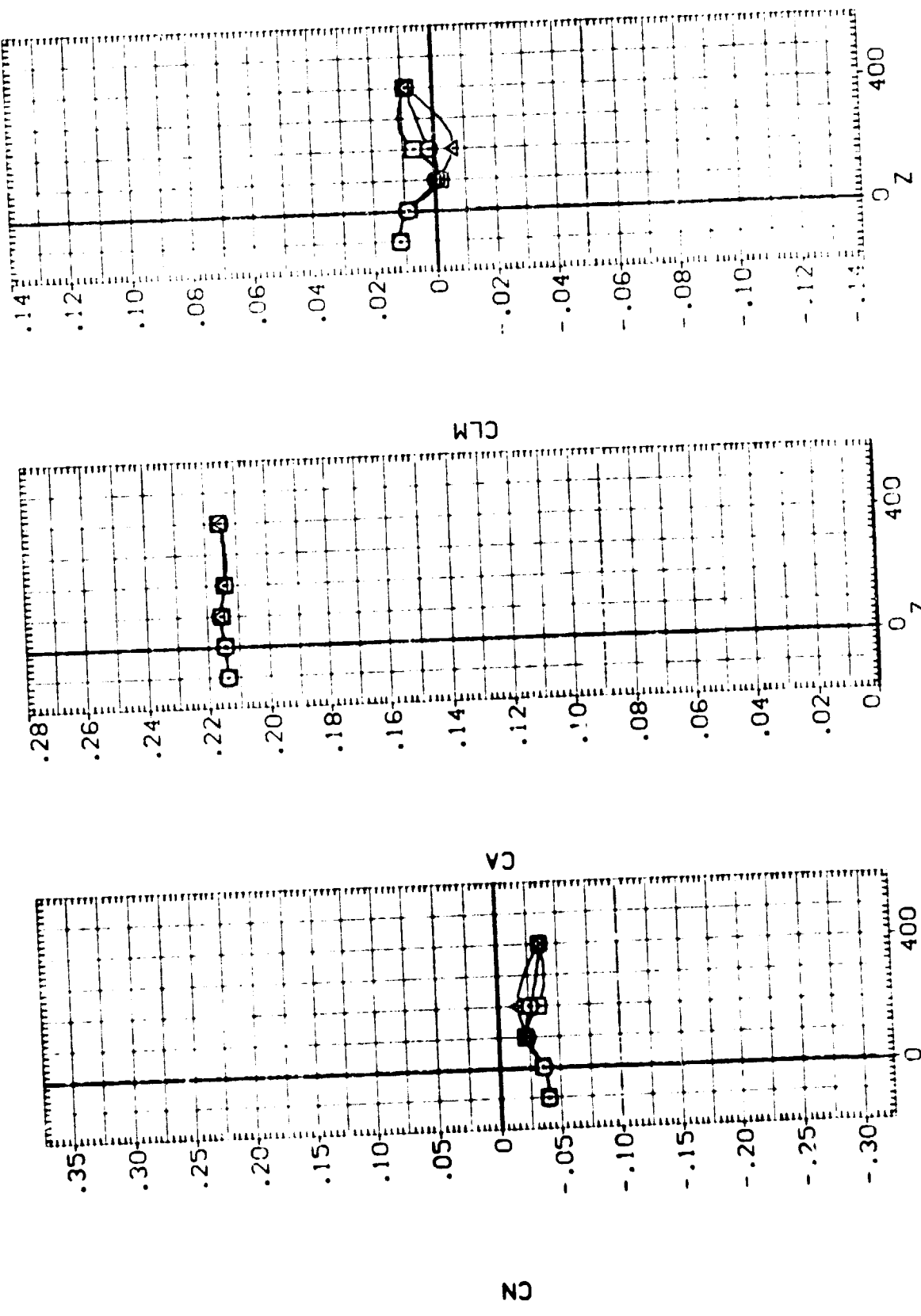


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)  
 (D)Y =400.00  
 PAGE 866

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE IN. UNITATION
(RTU279)	AEDC/VAS28(1AB7)-O1ET1S1-OR8/ET	.200	-8.000	300.000	4.520	SREF 2690.0000 SO.FT.
(RTU280)	AEDC/VAS28(1AB7)-O1ET1S1-OR8/ET	5.200	-8.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU283)	AEDC/VAS28(1AB7)-O1ET1S1-OR8/ET	-4.800	-8.000	300.000	4.520	BREF 1290.3000 INCHES
						XMRD 97.0000 IN. XT
						YMRD .0000 IN. YT
						ZMRD 450.0000 IN. Z
						SCALE .0100

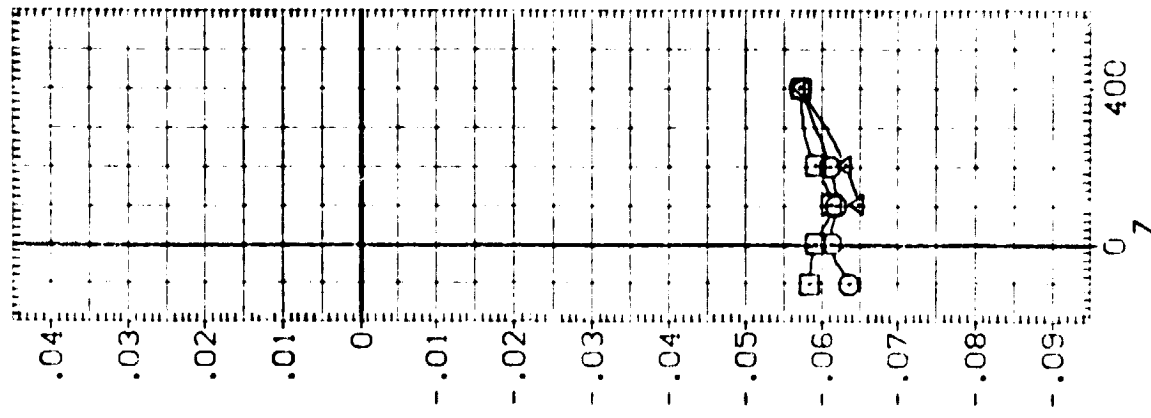
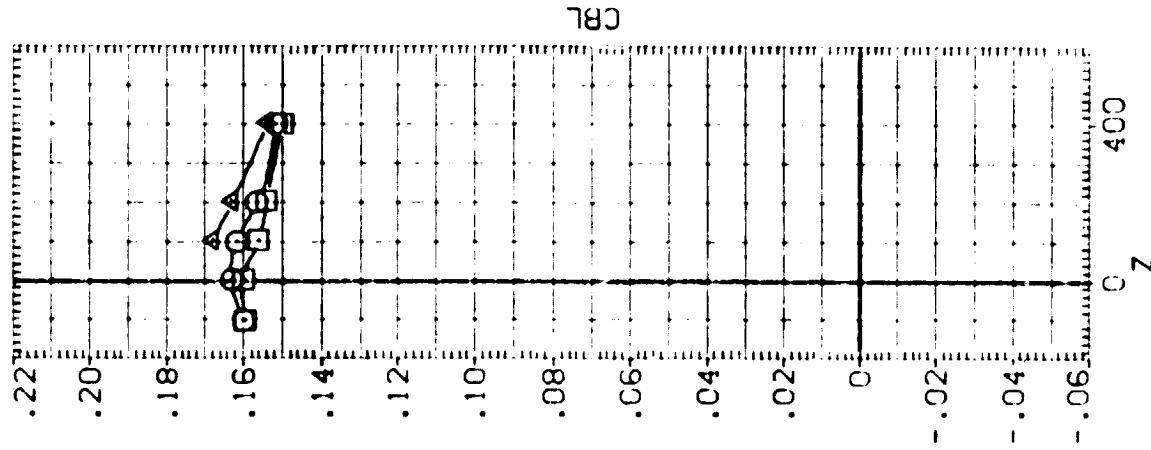
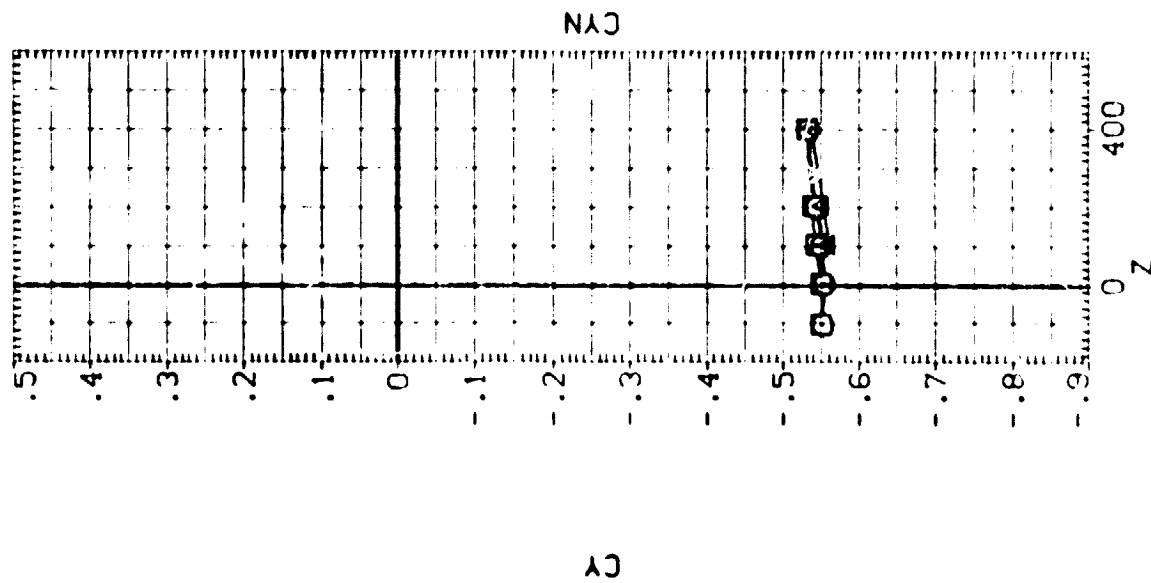


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00

# DATA SET SYMBOL

## CONFIGURATION DESCRIPTION

(RTU279) AEDC/VAS28(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 (RTU280) AEDC/VAS28(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR.  
 (RTU283) AEDC/VAS28(IAB7)-01ETIS1-0RB/ET V R/H SRB SEPAR.

DALPHA CBETA X  
 .200 -8.000 300.000  
 5.200 -8.000 300.000  
 -4.800 -8.000 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ. FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

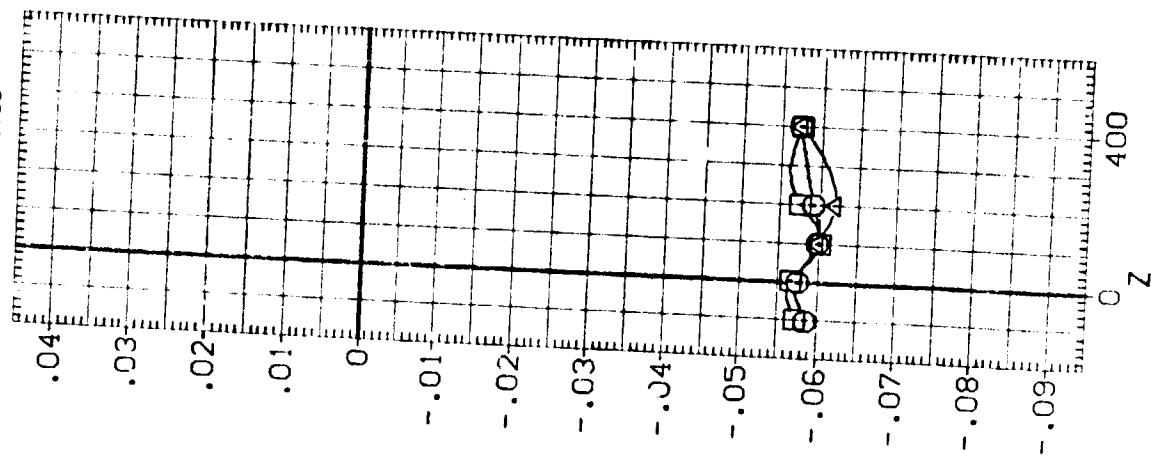
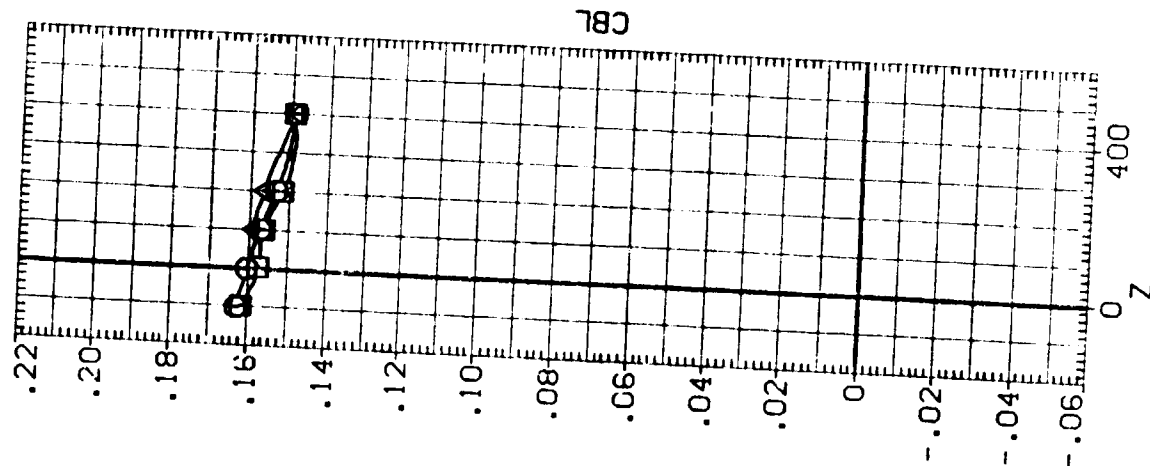
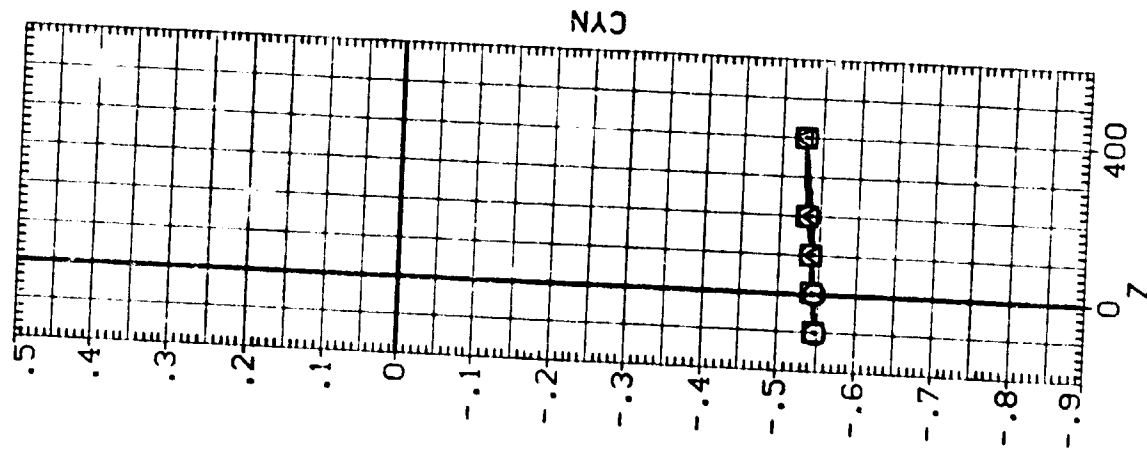


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)  
 (D)Y =400.00

1-7

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU302)	AEDC/VA528(1A87)-01ETIS1-ORB/ET V R/H SRB SEPAR.	.200	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU266)	AEDC/VA528(1A87)-01ETIS1-ORB/ET V R/H SRB SEPAR.	.200	.000	.000	4.520	LREF 1290.3000 INCHES
(RTU272)	DATA NOT AVAILABLE	.200	-4.000	.000	4.520	BREF 1290.3000 INCHES
(RTU278)	DATA NOT AVAILABLE	.200	-8.000	.000	4.520	YMRP 1097.0000 IN. YT
						ZMRP .0000 IN. ZT
						SCALE 450.0000 IN. ZT
						SCALE .0100

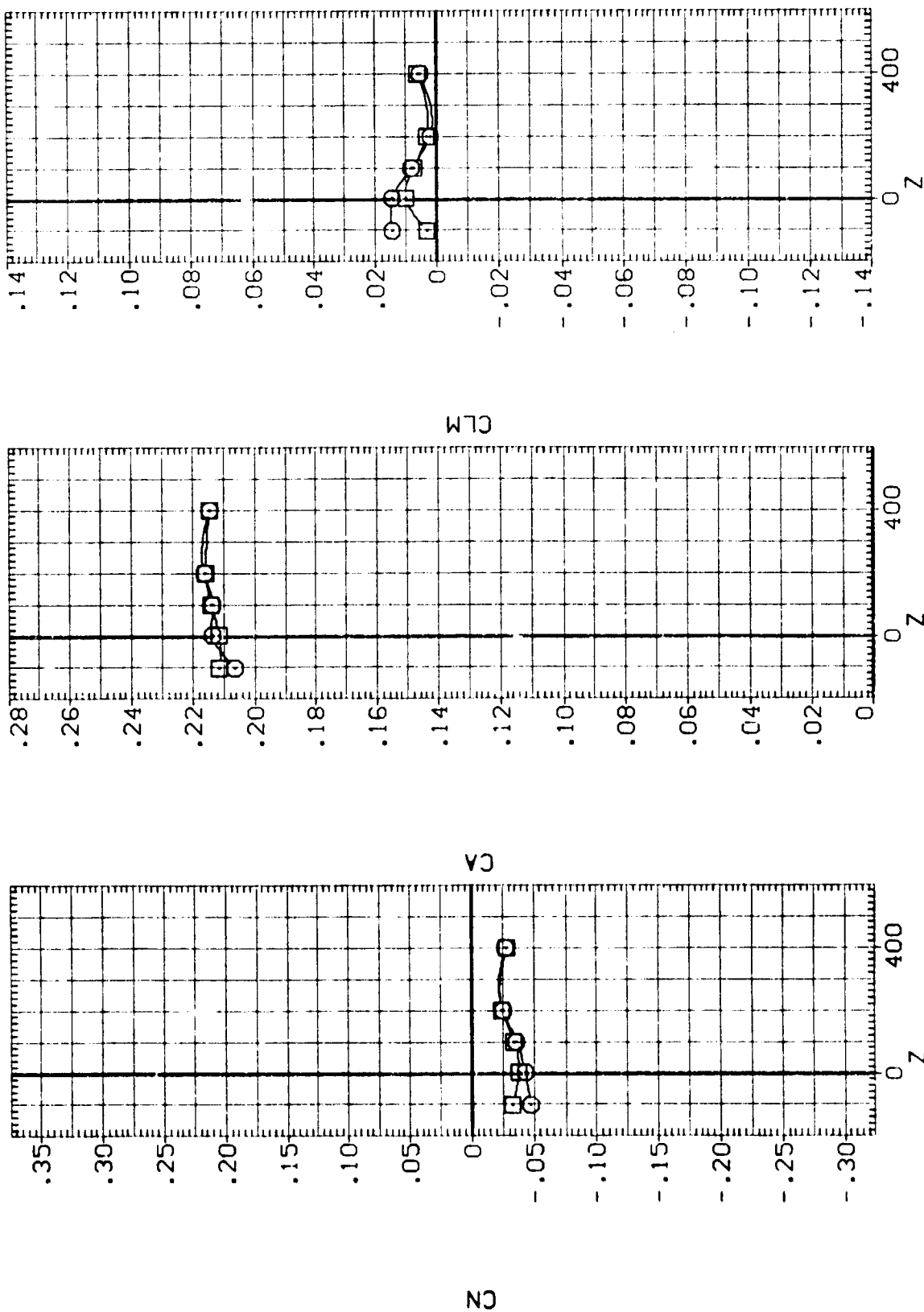


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU302)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.200	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU266)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.200	.000	.000	4.520	LREF 1290.3000 INCHES
(RTU272)	AEDC/VAS28(1A87)-01ET1S1-0RB/ET V R/H SRB SEPAR.	.200	-4.000	.000	4.520	BREF 1290.3000 INCHES
(RTU278)	DATA NOT AVAILABLE	.200	-8.000	.000	4.520	XMRP 1097.0000 IN. YT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

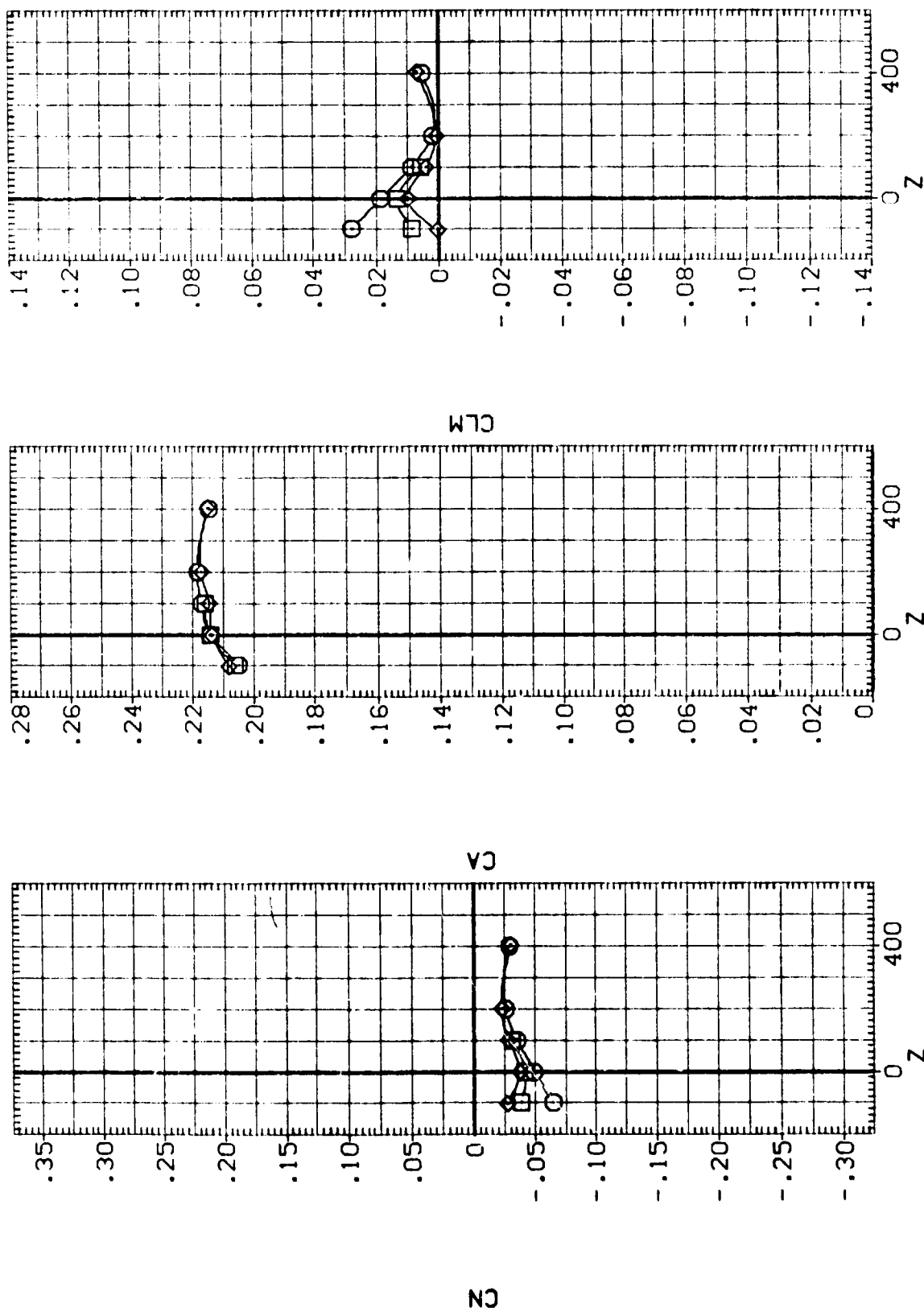


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(B)Y =100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DA_ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU302)	AEDC/VA528(IAB7)-O1ETISI-ORR/ET	.200	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU266)	AEDC/VA528(IAB7)-O1ETISI-ORR/ET	.200	4.000	.000	4.520	LREF 1290.3000 INCHES
(RTU272)	AEDC/VA528(IAB7)-O1ETISI-ORR/ET	.200	-4.000	.000	4.520	BREF 1290.3000 INCHES
(RTU278)	AEDC/VA528(IAB7)-O1ETISI-ORR/ET	.200	-8.000	.000	4.520	YMRP 1097.0000 IN. XT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

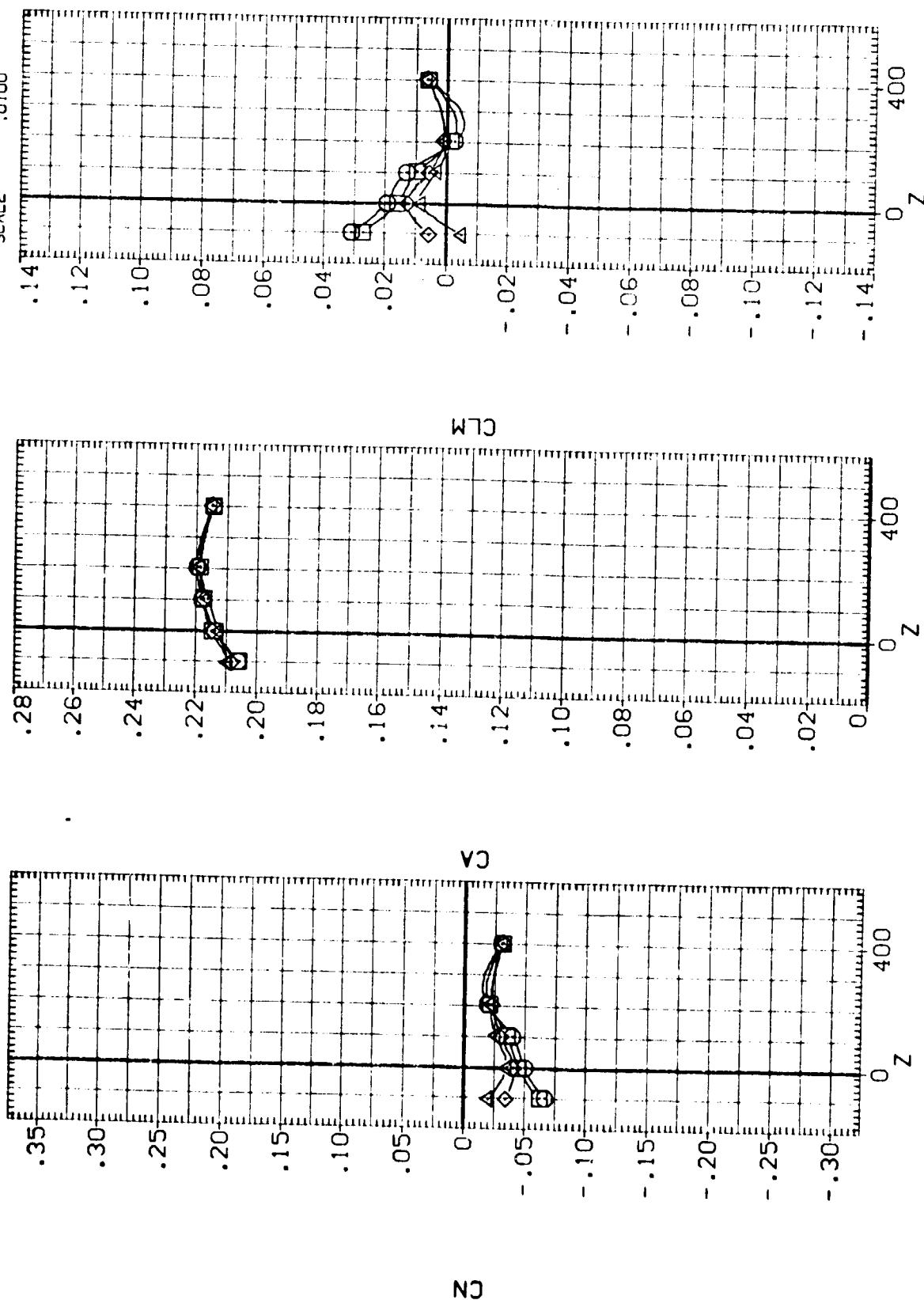


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y = 200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU302) DATA NOT AVAILABLE  
 (RTU266) AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.  
 (RTU272) AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.  
 (RTU278) AEDC/VA528(1A87)-01ETIS1-OR8/ET V R/H SRB SEPAR.

DALPHA DBETA X

4.520  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SO.FT.  
 LREF 1290.3000 INCHES  
 BREF 1290.3000 INCHES  
 XMRP 1037.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

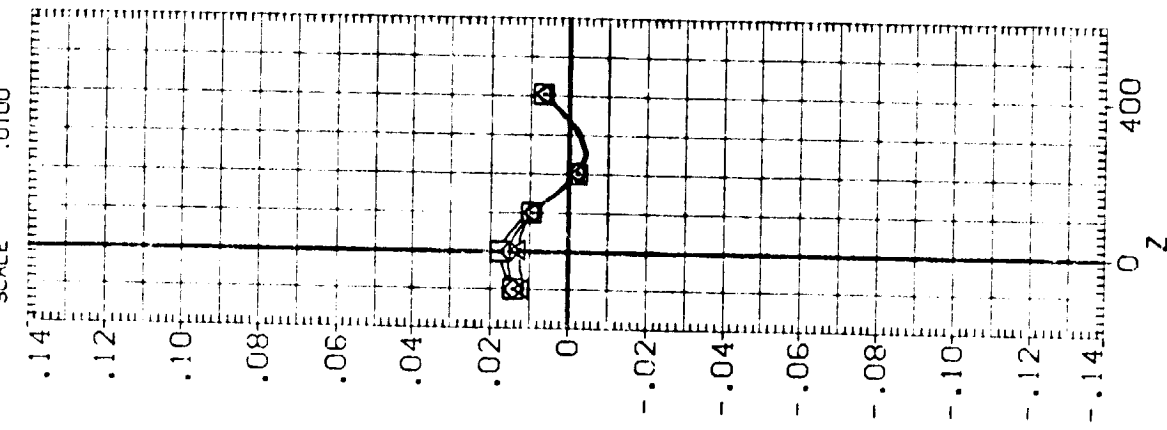
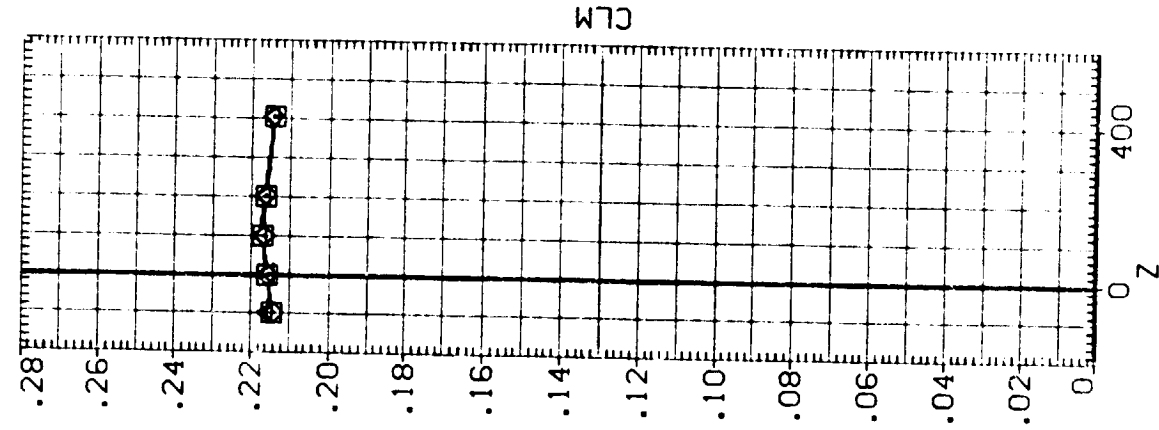
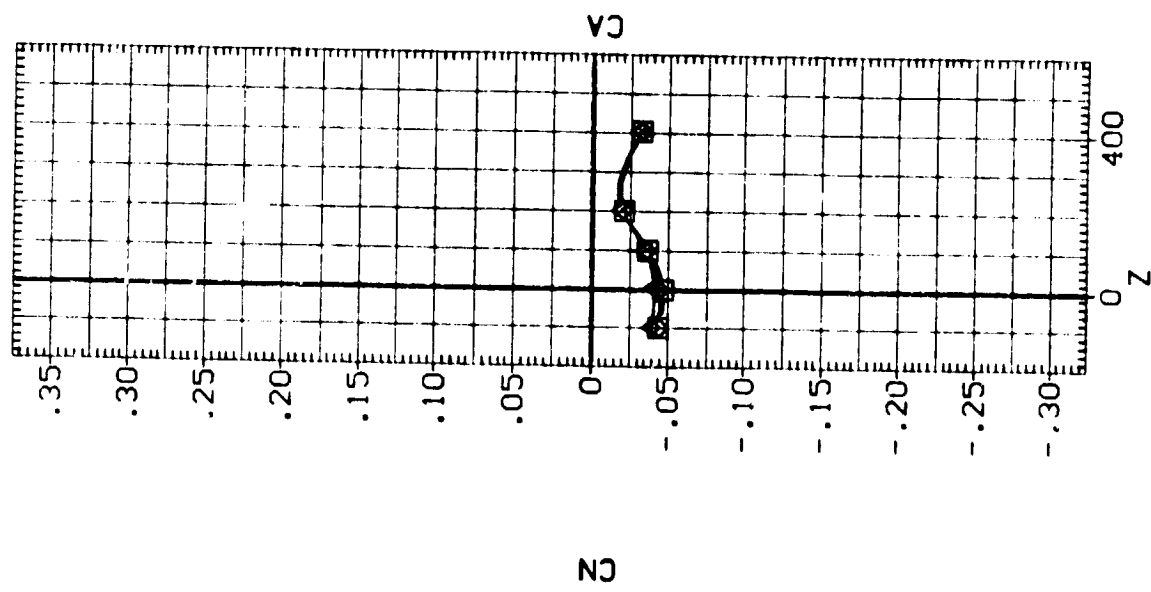


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(D)Y =400.00



DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(RTU302)      AEDC/VAS28(IAB7)-01ETISI-OR8/ET

(RTU266)      AEDC/VAS28(IAB7)-01ETISI-OR8/ET

(RTU272)      AEDC/VAS28(IAB7)-01ETISI-OR8/ET

(RTU278)      DATA NOT AVAILABLE

DATA SET SYMBOL      MACH      X      D $\alpha$       D $\beta$       R/H SRB SEPAR.      V R/H SRB SEPAR.      V R/H SRB SEPAR.      V R/H SRB SEPAR.

(RTU302)      4.520      .000      .200      4.000      .200      .200      .200      .200

(RTU266)      4.520      .000      .200      4.000      .200      .200      .200      .200

(RTU272)      4.520      .000      .200      4.000      .200      .200      .200      .200

(RTU278)      4.520      .000      .200      4.000      .200      .200      .200      .200

REFERENCE INFORMATION

SREF      2690.0000      SO.FT.

LREF      1290.3000      INCHES

BREF      1290.3000      INCHES

XMRP      1097.0000      IN. XT

YMRP      .0000      IN. YT

ZMRP      450.0000      IN. ZT

SCALE      .0100

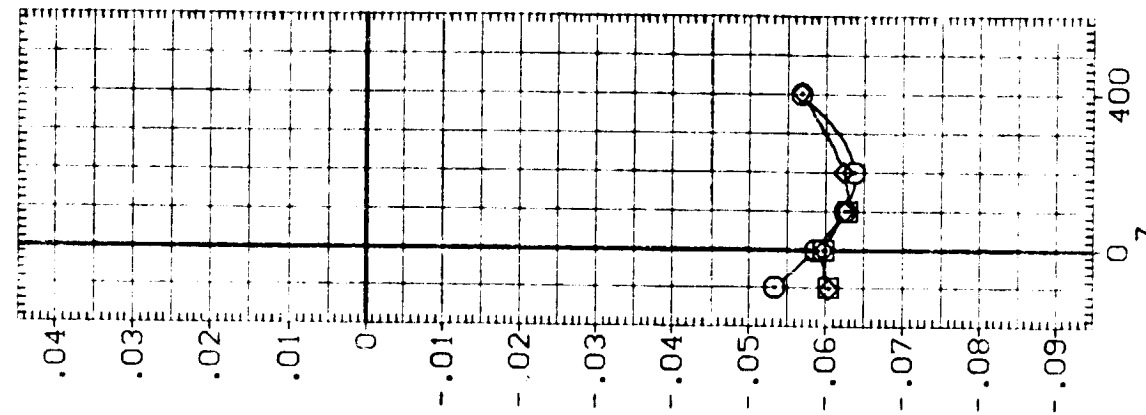
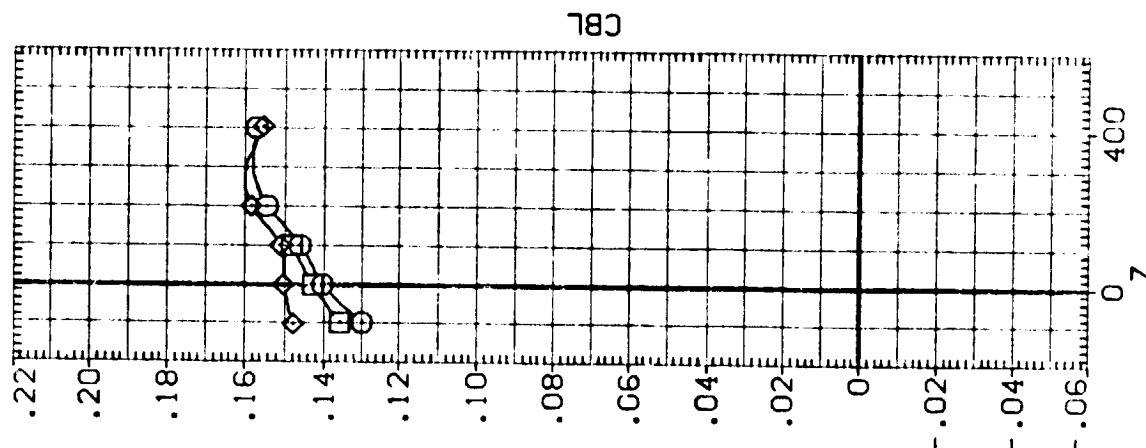
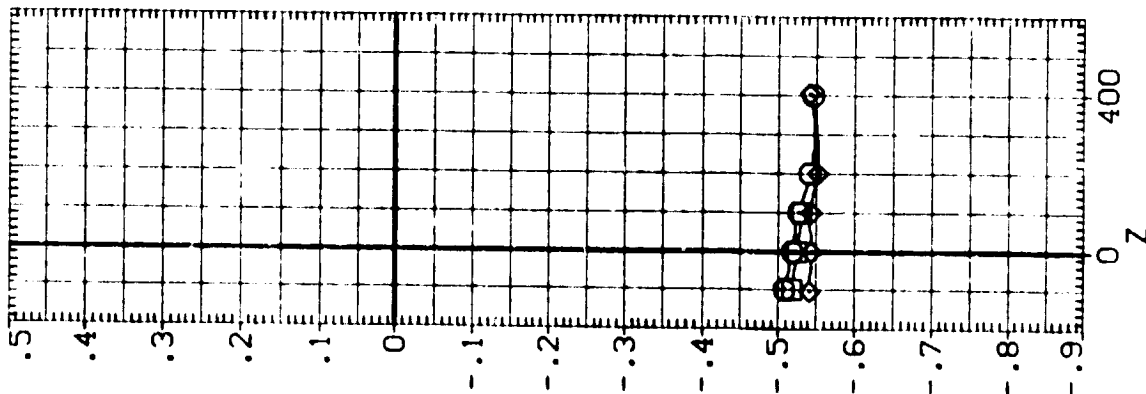


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(B)Y = 100.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	R/H	SRB SEPAR.	ALPHA	BETA	X	MACH	REFERENCE INFORMATION
(RTJ302)	AEDC/VA528(1A87)-01ETIS1-ORB/ET	V	R/H	200	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTJ266)	AEDC/VA528(1A87)-01ETIS1-ORB/ET	V	R/H	200	4.000	.000	4.520	LBREF 1290.3000 INCHES
(RTJ272)	AEDC/VA528(1A87)-01ETIS1-ORB/ET	V	R/H	200	-4.000	.000	4.520	RBREF 1290.3000 INCHES
(RTJ278)	AEDC/VA528(1A87)-01ETIS1-ORB/ET	V	R/H	200	-8.000	.000	4.520	XBREF 1097.0000 IN. XT
								YBREF 1097.0000 IN. YT
								ZBREF 450.0000 IN. ZT
								SCALE .0100

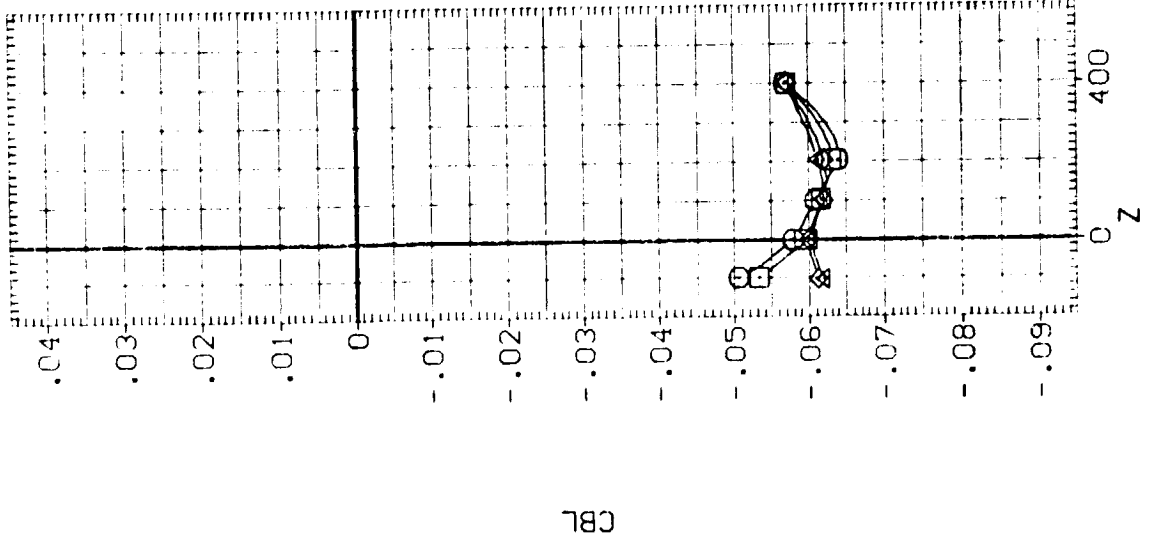
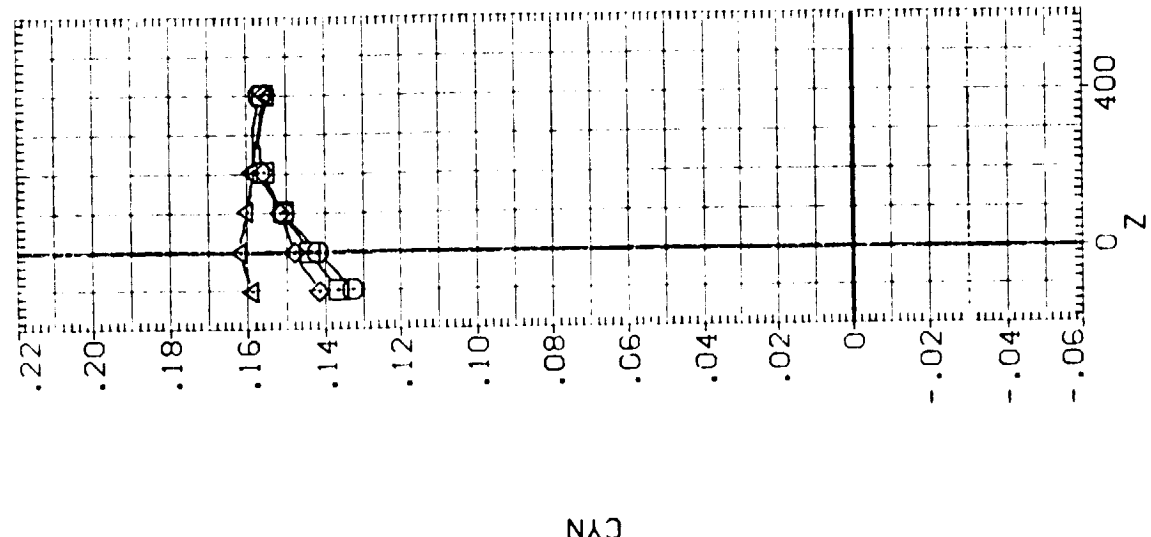
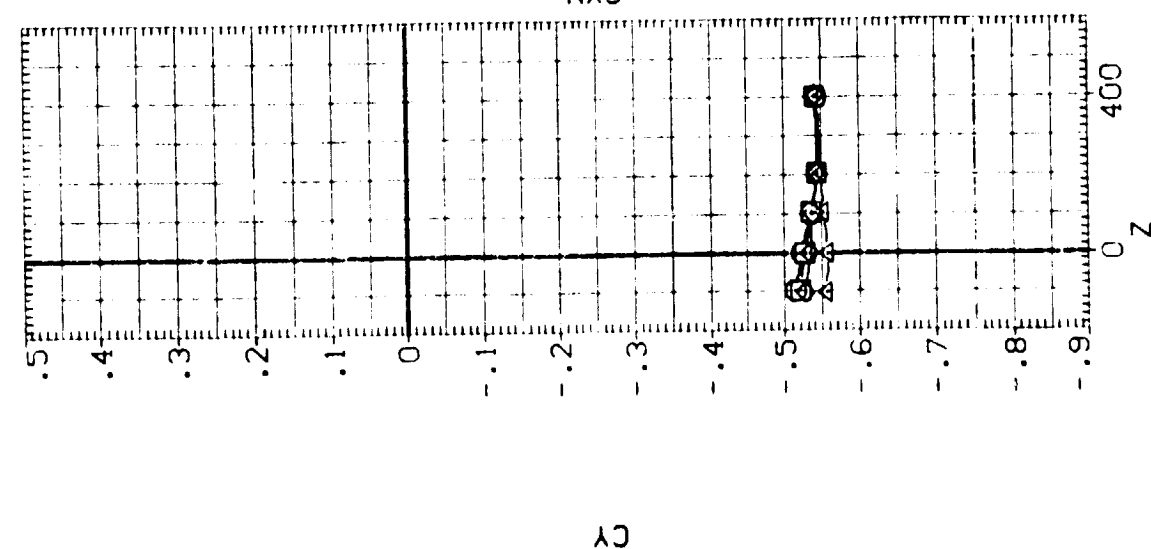


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(CY) =200.00

(RTU302)  
(RTU266)  
(RTU272)  
(RTU278)

DATA NOT AVAILABLE

AEDC/VAS28(1A87)-01ET	S1	-ORB/ET	V	R/H	SRB	SEPAR.
AEDC/VAS28(1A87)-01ET	S1	-ORB/ET	V	R/H	SRB	SEPAR.
AEDC/VAS28(1A87)-01ET	S1	-ORB/ET	V	R/H	SRB	SEPAR.

DALPHA  
.200  
.200  
.200  
.200

DBETA	X
4.000	.000
.000	.000
-4.000	.000
-8.000	.000

MACH 4.520  
4.520  
4.520  
4.520

REFERENCE INFORMATION			
SREF	2600.0000	SO.FT	
REF	1200.3000	INCHES	
REF	1200.3000	INCHES	
XMRP	1007.0000	IN. XT	
YMRP	0000.0000	IN. YT	
ZMRP	450.0000	IN. ZT	
SCALE	.0100		

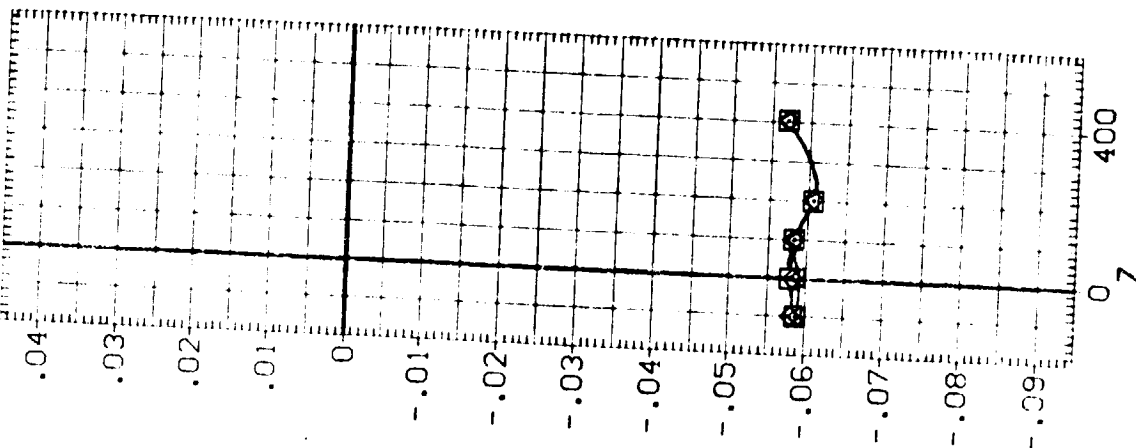
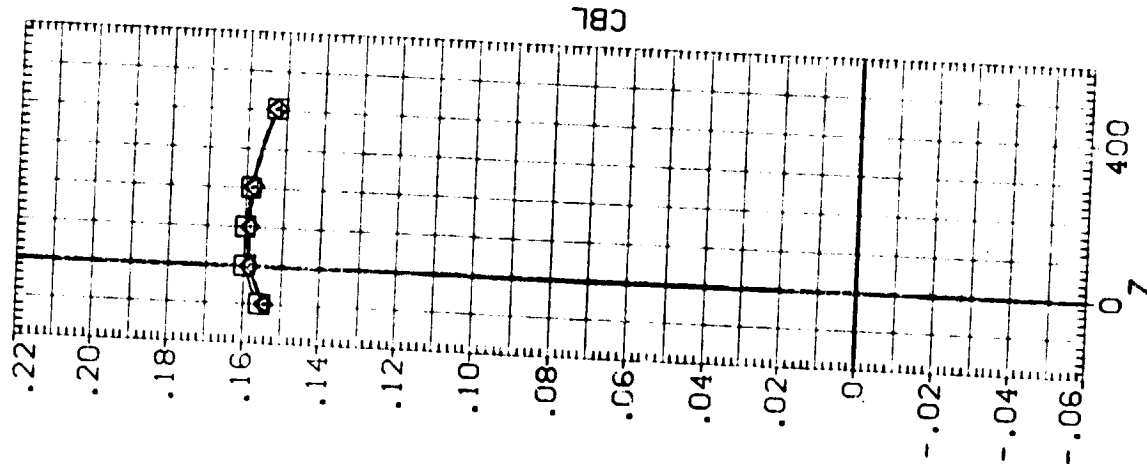
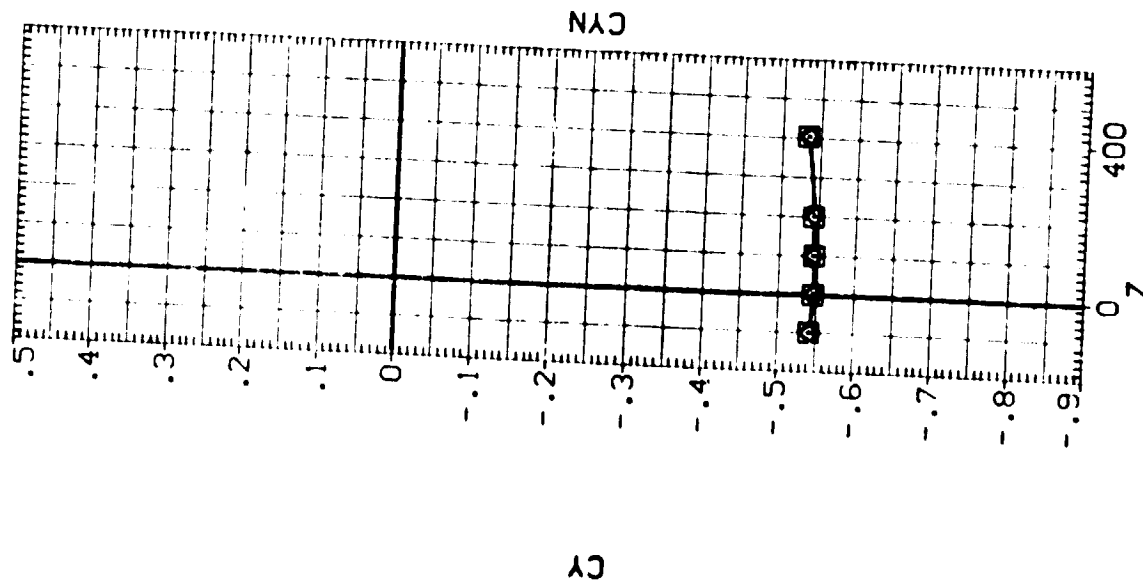


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)  
(DY =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTJ303)	AEDC/VAS28(1A87)-3 ETIS1-CRB/ET V R/H SRB SEPAR.	.200	4.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTJ267)	AEDC/VAS28(1A87)-3 ETIS1-CRB/ET V R/H SRB SEPAR.	.200	.000	300.000	4.520	LREF 1290.3000 INCHES
(RTJ273)	DATA NOT AVAILABLE	.200	-4.000	300.000	4.520	BREF 1290.3000 INCHES
(RTJ279)	DATA NOT AVAILABLE	.200	-8.000	300.000	4.520	AXRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

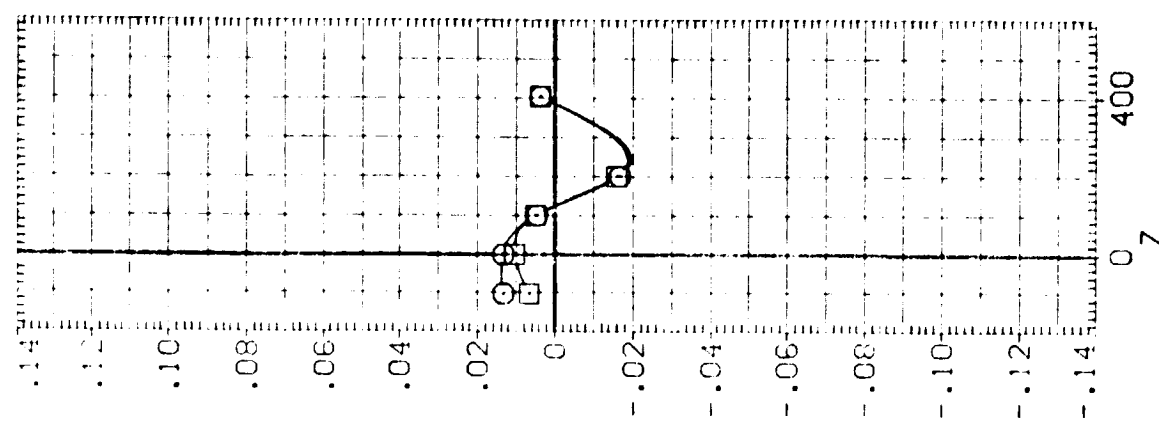
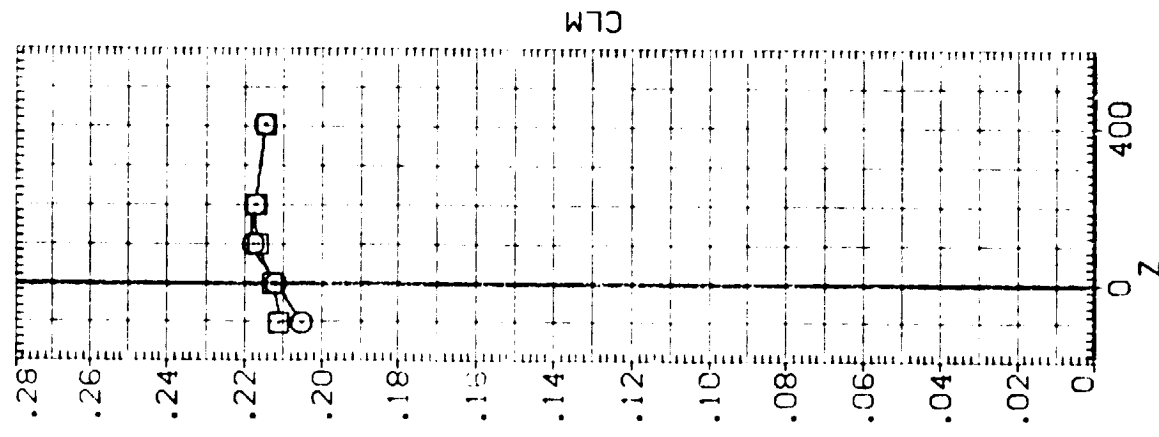
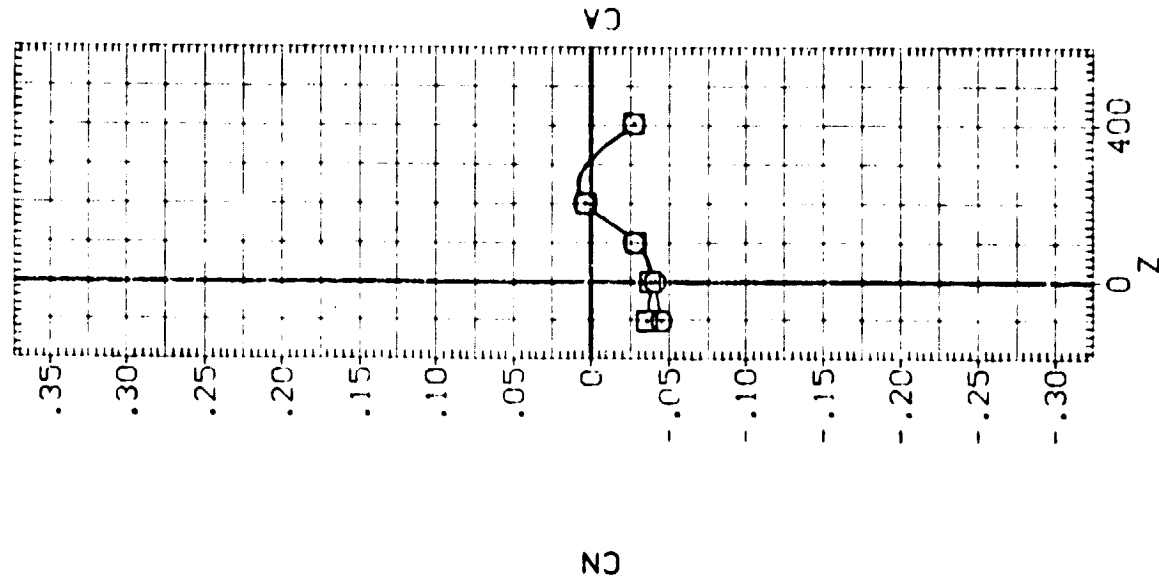


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

DATA SET SYMBOL

(RTU303)  
(RTU267)  
(RTU273)  
(RTU279)



CONFIGURATION DESCRIPTION

AEDC/VAS28(1A87)-O1ETIS1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-O1ETIS1-OR8/ET V R/H SRB SEPAR.  
AEDC/VAS28(1A87)-O1ETIS1-OR8/ET V R/H SRB SEPAR.  
DATA NOT AVAILABLE

DALPHA

.200  
.200  
.200  
.200

DBETA

4.000  
.000  
-4.000  
-8.000

X

300.000  
300.000  
300.000  
300.000

MACH

4.520  
4.520  
4.520  
4.520

REFERENCE INFORMATION

SREF 2650.0000 SO.FT.  
LREF 1250.3000 INCHES  
RREF 1250.3000 INCHES  
XMRP 1097.0000 IN. XT  
YMRP 1097.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

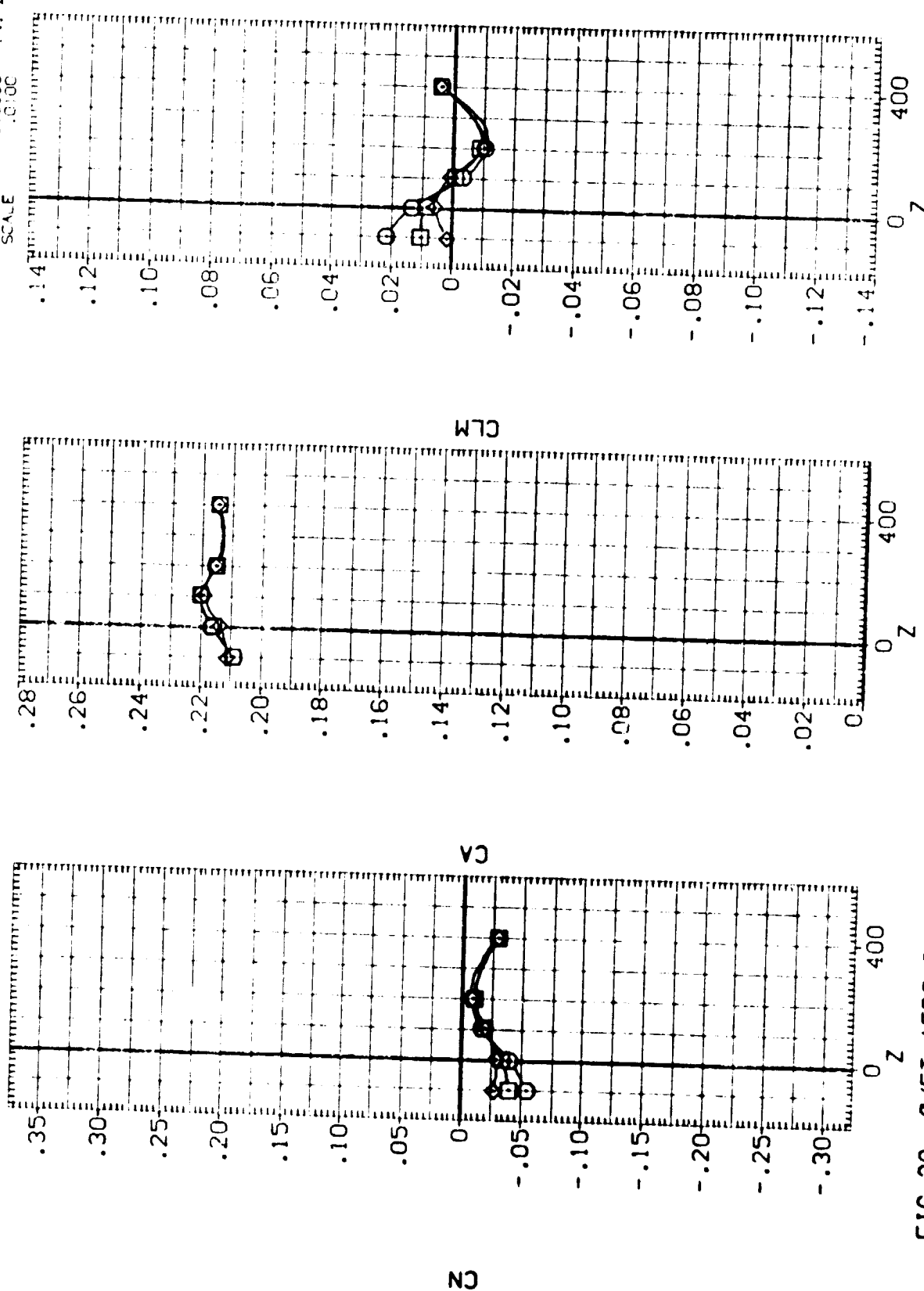


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)  
(B)Y = 100.00





# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU003)  
(RTU267)  
(RTU273)  
(RTU279)

DATA NOT AVAILABLE  
AEDC/VAS28(1A87)-01ET/IS1-0R8/ET  
AEDC/VAS28(1A87)-01ET/IS1-0R8/ET  
AEDC/VAS28(1A87)-01ET/IS1-0R8/ET

V R/H SR8 SEPAR.  
V R/H SR8 SEPAR.  
V R/H SR8 SEPAR.

DALPHA DSETA X  
200 4.000 300.000  
200 4.000 300.000  
200 -4.000 300.000  
200 -8.000 300.000

MACH  
4.520  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 50.FT.  
LREF 1.500.0000 INCHES  
BREF 1.250.0000 INCHES  
XMRP 1.957.0000 IN. XT  
YMRP 1.0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE 0.100

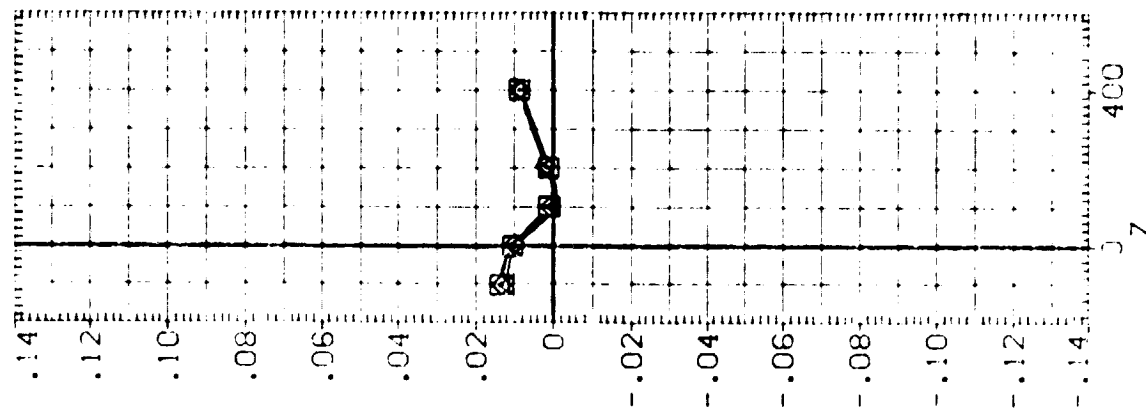
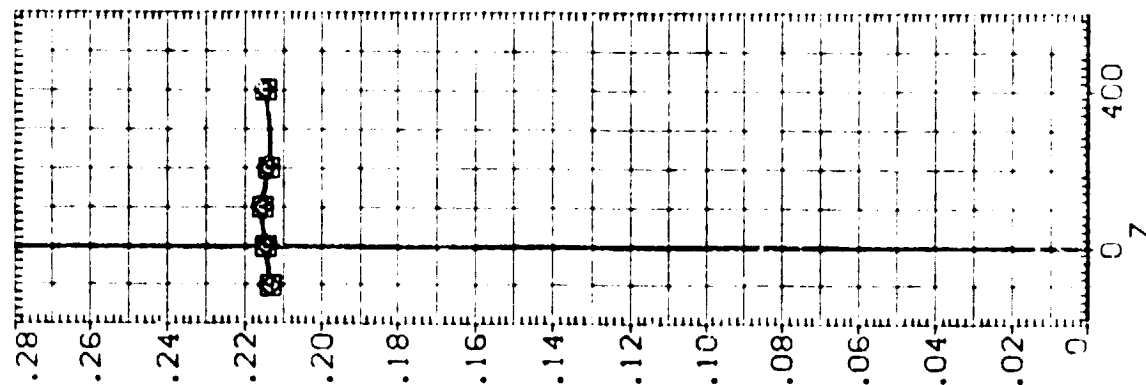
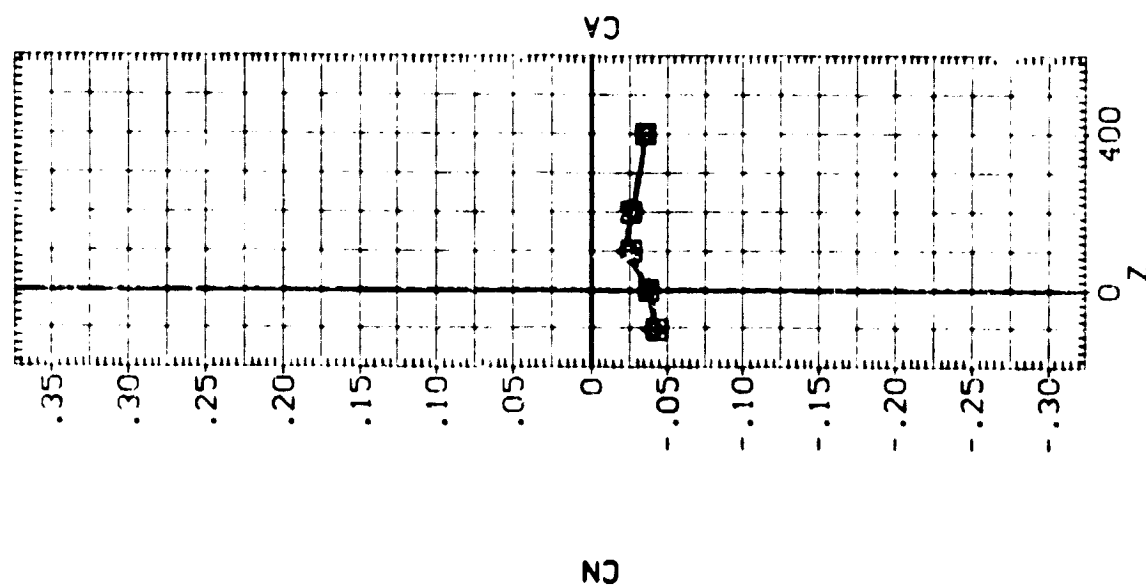
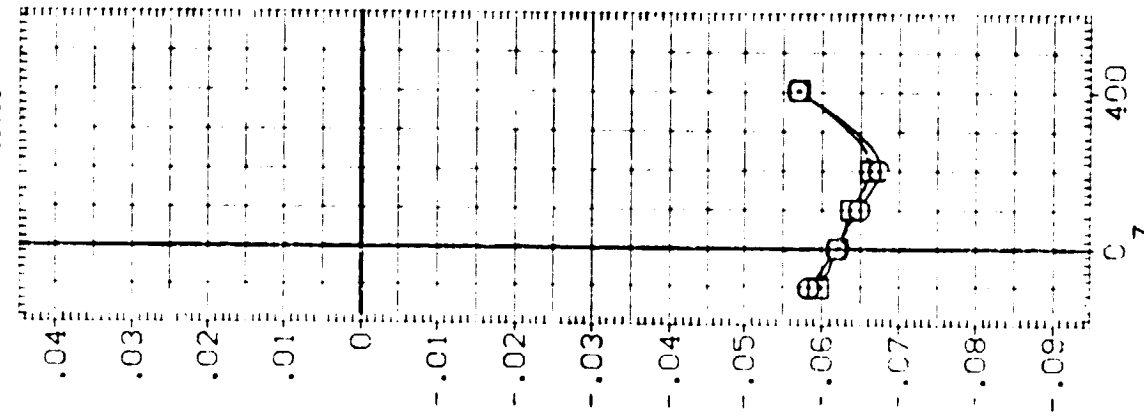


FIG.28 O/ET AERO CHARACT W/RIGHT SRR SEPARATING (ALPHA=-.5 BETA=15.7)

(O)Y =400.00

DATA SET SYMBOL	CONF. QUALITY	DESCRIPTION
(RTU303)	AED3/VAS28	AB7-01EY1S1-CR
(RTU367)	AED3/VAS28	AB7-01EY1S1-CR
(RTU273)		DATA NOT AVAILABLE
(RTU279)		DATA NOT AVAILABLE



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU303)	AEDC/VA528(1A87)-01ET1S1-ORB/ET V	.200	1.000	300.000	4.520	SREF 2690.0000 SQ.FT.
(RTU267)	AEDC/VA528(1A87)-01ET1S1-ORB/ET V	.200	1.000	300.000	4.520	LREF 1290.3000 INCHES
(RTU273)	AEDC/VA528(1A87)-01ET1S1-ORB/ET V	.200	-4.000	300.000	4.520	BREF 1290.3000 INCHES
(RTU273)	AEDC/VA528(1A87)-01ET1S1-ORB/ET V	.200	-8.000	300.000	4.520	XMRP 1097.0000 IN. YI
	DATA NOT AVAILABLE					ZMRP .0000 IN. YI
						SCALE 450.0000 IN. ZI

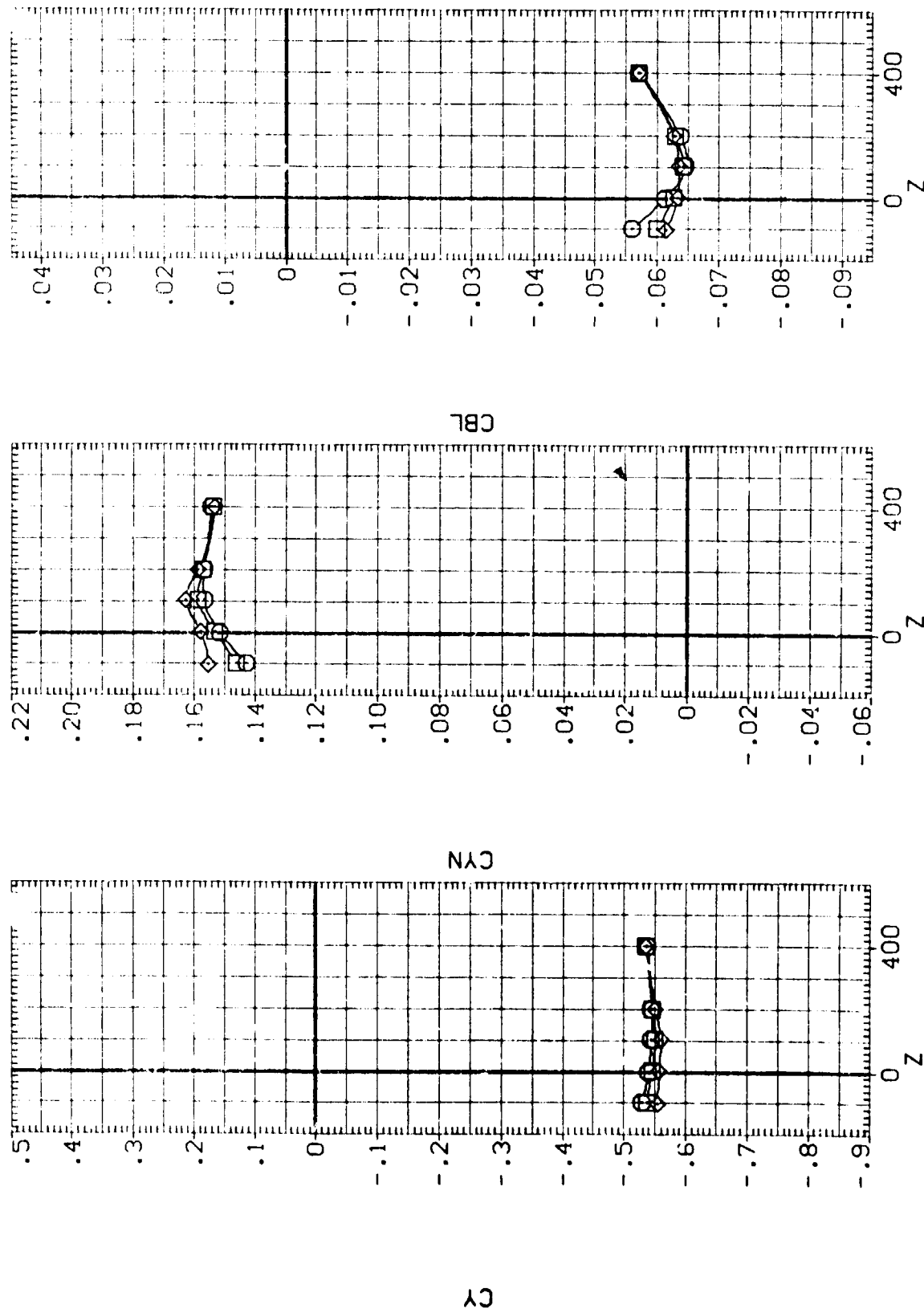


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(B)Y =100.00

DATA SET SYMBOL    CONFIGURATION DESCRIPTION    DATA NOT AVAILABLE

(RTU303)    AEDC/VA528(A87)-O1ETIS1-ORB/ET V R/H SRB SEPAR.

(RTU267)    AEDC/VA528(A87)-O1ETIS1-ORB/ET V R/H SRB SEPAR.

(RTU273)    AEDC/VA528(A87)-O1ETIS1-ORB/ET V R/H SRB SEPAR.

(RTU279)    AEDC/VA528(A87)-O1ETIS1-ORB/ET V R/H SRB SEPAR.

DALPHA    DBETA    X

.200    .000    300.000

.200    .000    300.000

.200    .000    300.000

.200    .000    300.000

MACH    REFERENCE INFORMATION    SQ.FT.    INCHES

4.520    SREF    2690.0000    1290.3000

4.520    LREF    1290.3000    1290.3000

4.520    BREF    1290.3000    1290.3000

4.520    XMRP    1097.0000    1097.0000

4.520    YMRP    450.0000    450.0000

4.520    ZMRP    450.0000    450.0000

SCALE    .0100

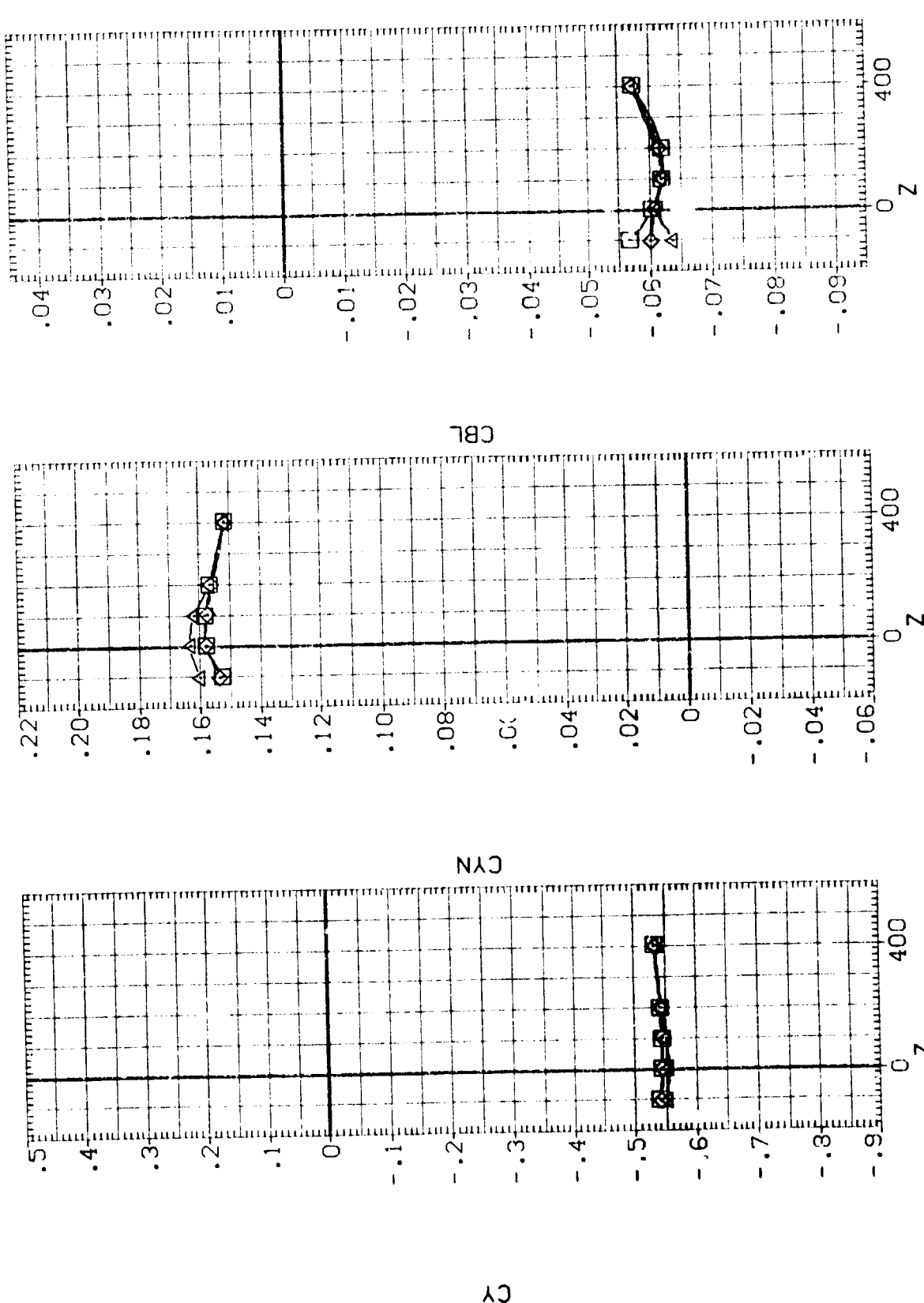


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU303)  
(RTU267)  
(RTU273)  
(RTU279)

DATA NOT AVAILABLE  
AEDC/VAS28(1487)-01ETISI-OR8/ET V  
AEDC/VAS28(1487)-01ETISI-OR8/ET V  
AEDC/VAS28(1487)-01ETISI-OR8/ET V

R/H SRB SEPAR.  
R/H SRB SEPAR.  
R/H SRB SEPAR.

DALPHA  
.200  
.200  
.200

UBETA  
4.000  
4.000  
-8.000

X  
300.000  
300.000  
300.000

MACH  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2690.0000 SO.FT.  
LREF 1290.3000 INCHES  
BREF 1290.3000 INCHES  
XMRP 1057.0000 IN. XT  
YMRP .0000 IN. YT  
ZMRP 450.0000 IN. ZT  
SCALE .0100

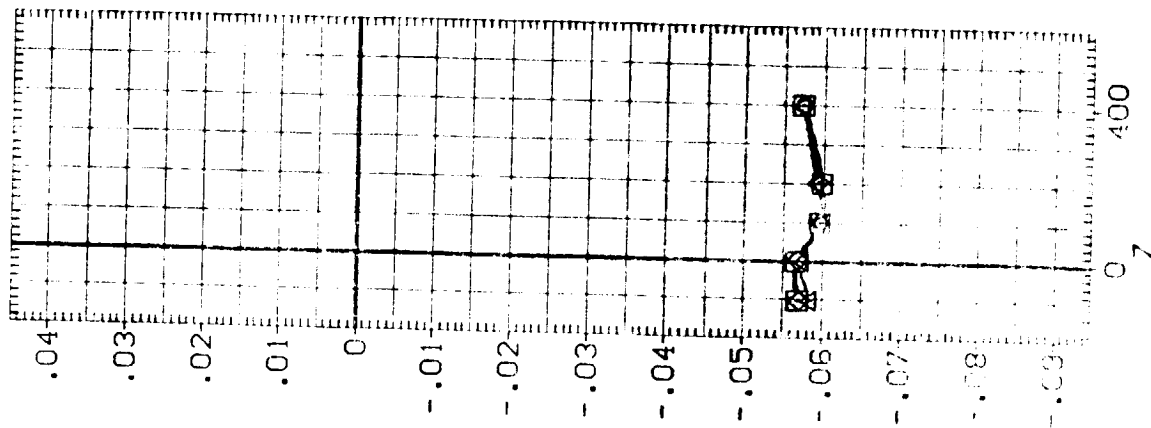
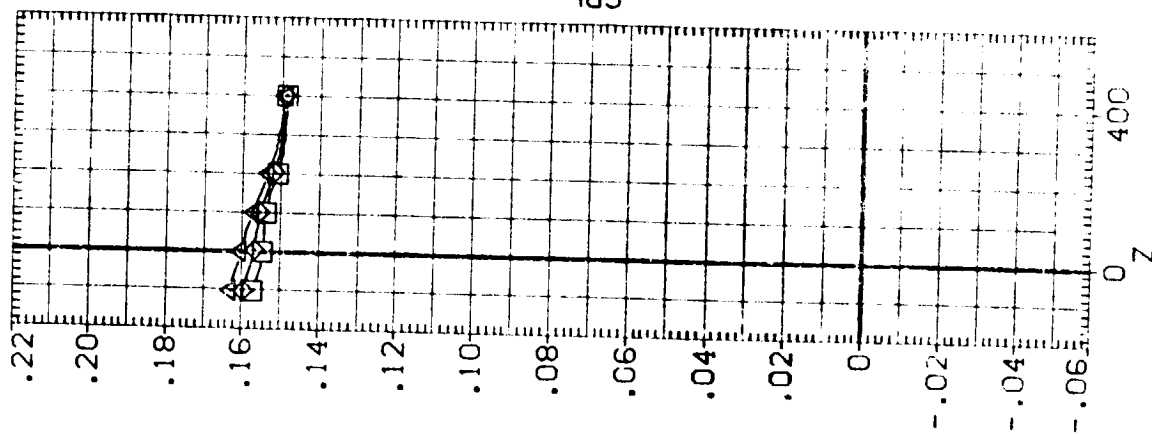
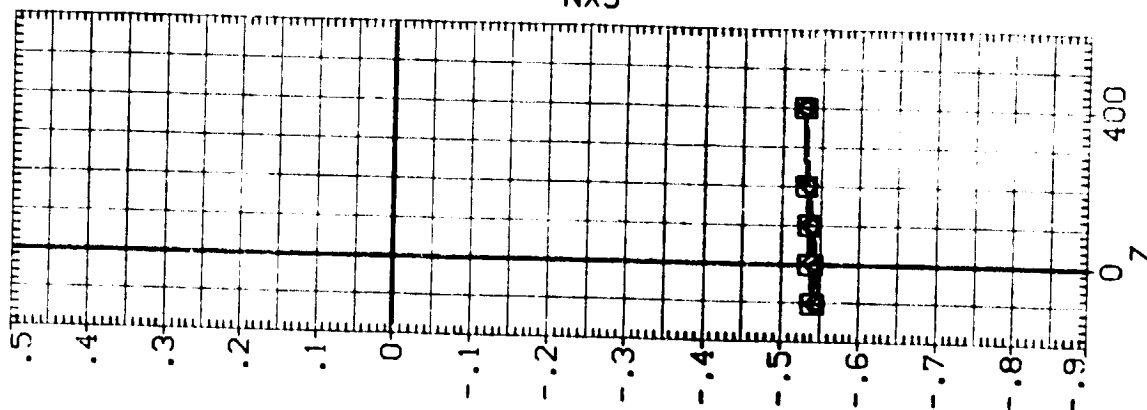


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=15.7) BETA=15.7

(CY) =400.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU305)	AEDC/VAS28(1A87)-O1ETIS1-OR8/ET V	5.200	4.000	.000	4.520	SREF 2690.0000 SQ.FT.
(RTU269)	AEDC/VAS28(1A87)-O1ETIS1-OR8/ET V	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(RTU275)	DATA NOT AVAILABLE	5.200	-4.000	.000	4.520	BREF 1290.3000 INCHES
(RTU281)	DATA NOT AVAILABLE	5.200	-8.000	.000	4.520	XMRP 1097.0000 IN. XT
						YMRP .0000 IN. YT
						ZMRP 450.0000 IN. ZT
						SCALE .0100

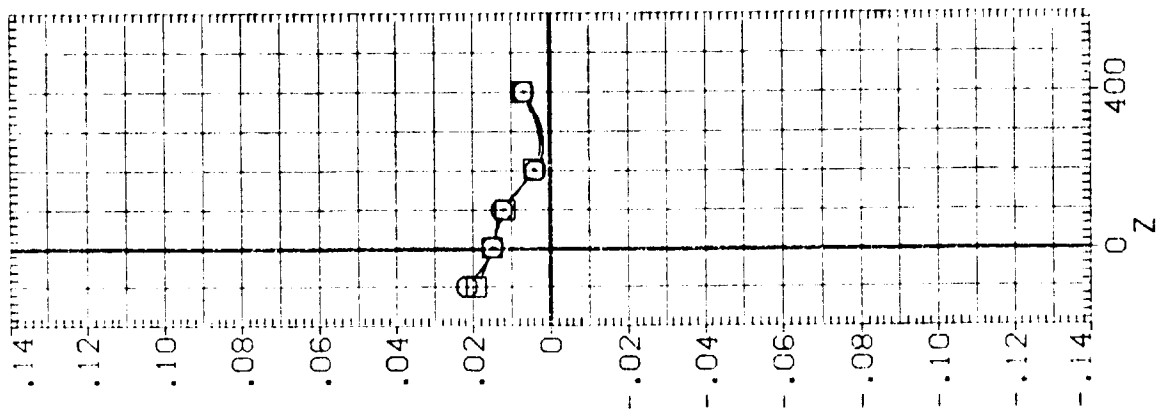
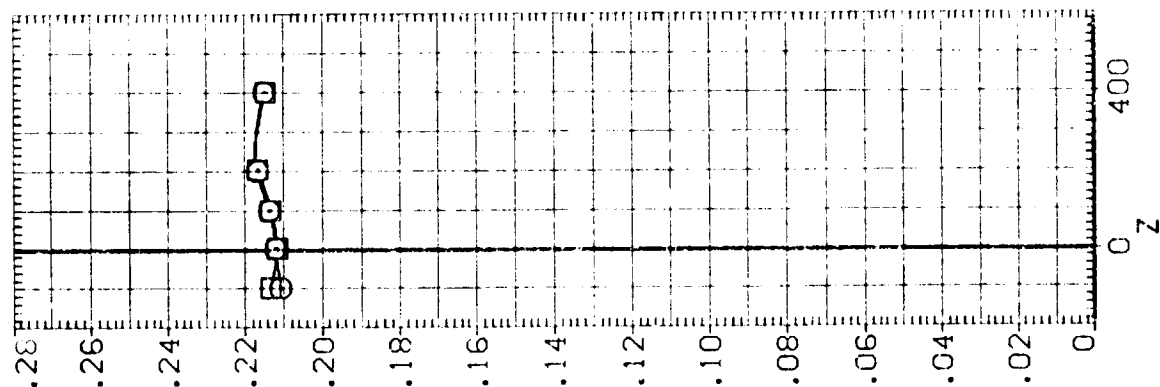
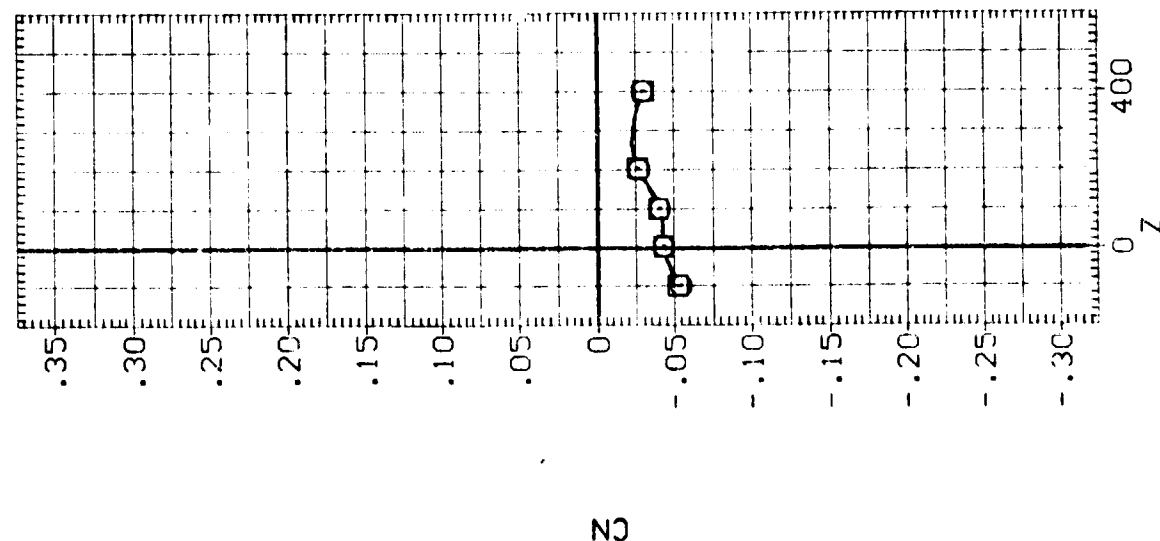


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	MACH	REFERENCE INFORMATION
(RTU305)	AEDC/VAS28(187)-01ET1S1-OR8/ET	4.520	SREF 2690.0000 SQ. FT.
(RTU269)	AEDC/VAS28(187)-01ET1S1-OR8/ET	4.520	LREF 1290.3000 INCHES
(RTU275)	AEDC/VAS28(187)-01ET1S1-OR8/ET	4.520	SREF 1290.3000 INCHES
(RTU281)	AEDC/VAS28(187)-01ET1S1-OR8/ET	4.520	XMRP 1097.0000 IN. Y
	DATA NOT AVAILABLE		YMRP 450.0000 IN. Z
			SCALE .0100

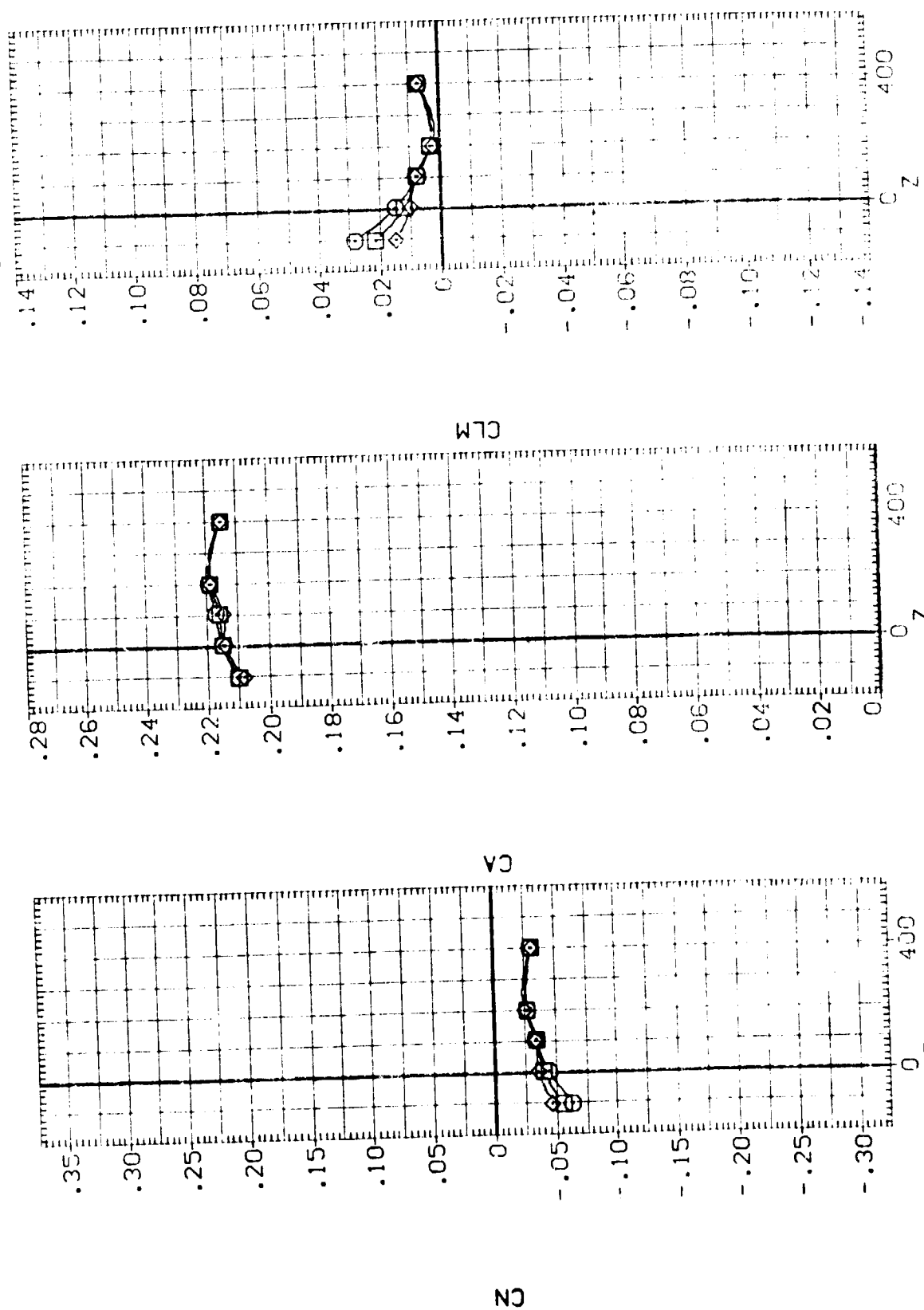


FIG.28 0/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(B)Y =100.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU305)	AEDC/VAS28(1A87)-Q1ET1S1-CRB/ET	R/H SRB SEPAR.	DALPHA	DBETA	X	MACH	REFERENCE INFORMATION
(RTU269)	AEDC/VAS28(1A87)-Q1ET1S1-CRB/ET	R/H SRB SEPAR.	5.200	4.000	.000	4.520	SREF 2690.0000 SO.FT.
(RTU275)	AEDC/VAS28(1A87)-Q1ET1S1-CRB/ET	R/H SRB SEPAR.	5.200	.000	.000	4.520	LREF 1290.3000 INCHES
(RTU281)	AEDC/VAS28(1A87)-Q1ET1S1-CRB/ET	R/H SRB SEPAR.	5.200	-8.000	.000	4.520	BREF 1097.0000 IN. XT
							YMRP .0000 IN. YT
							ZMRP 450.0000 IN. ZT
							SCALE .0100

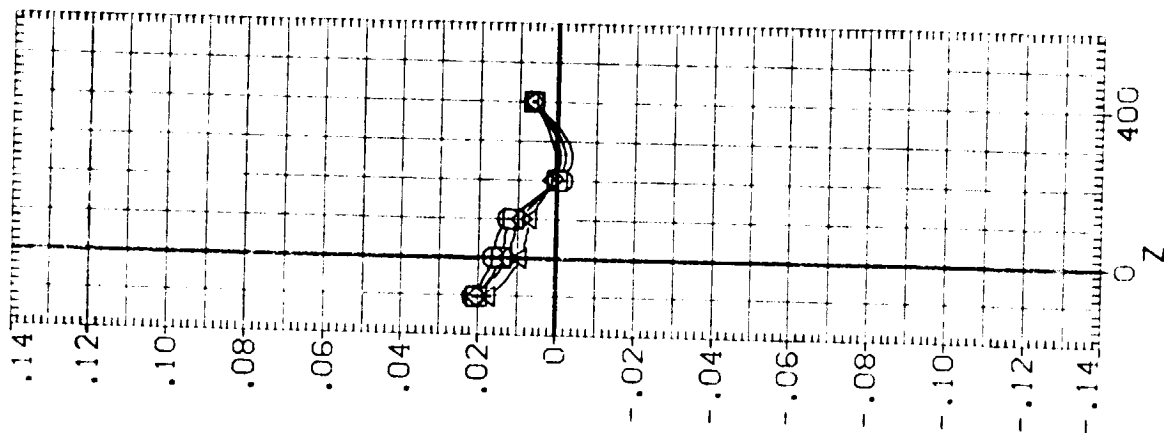
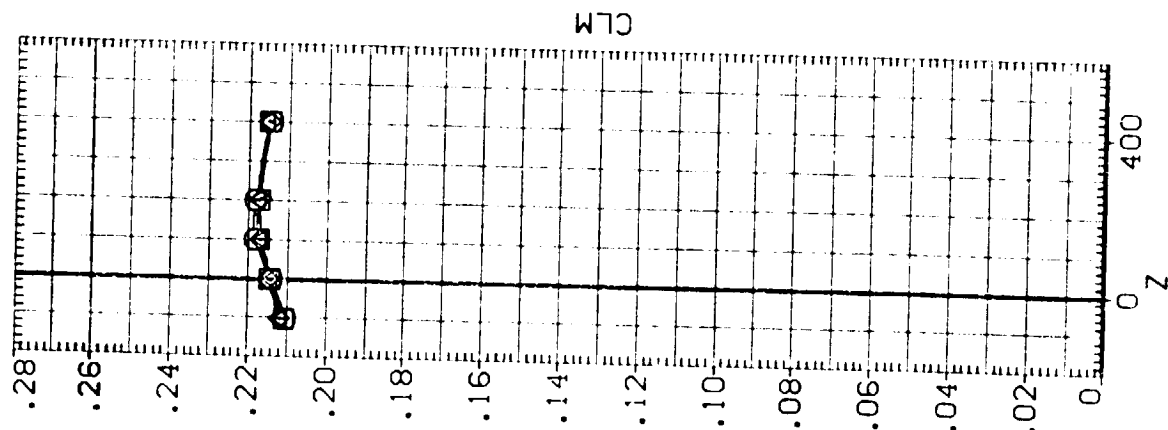
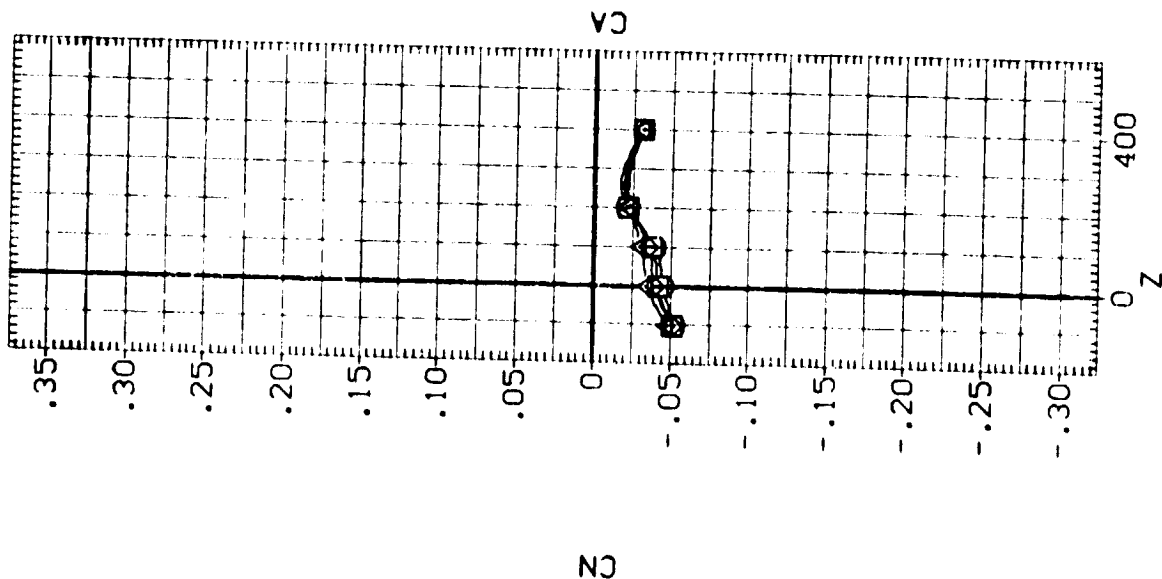


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00



DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU305) DATA NOT AVAILABLE

(RTU269) AEDC/VAS28 (A87)-O1ETISI-OR8/ET

(RTU275) AEDC/VAS28 (A87)-O1ETISI-OR8/ET

(RTU281) AEDC/VAS28 (A87)-O1ETISI-OR8/ET

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU305) DATA NOT AVAILABLE

(RTU269) AEDC/VAS28 (A87)-O1ETISI-OR8/ET

(RTU275) AEDC/VAS28 (A87)-O1ETISI-OR8/ET

(RTU281) AEDC/VAS28 (A87)-O1ETISI-OR8/ET

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU305) DATA NOT AVAILABLE

(RTU269) AEDC/VAS28 (A87)-O1ETISI-OR8/ET

(RTU275) AEDC/VAS28 (A87)-O1ETISI-OR8/ET

(RTU281) AEDC/VAS28 (A87)-O1ETISI-OR8/ET

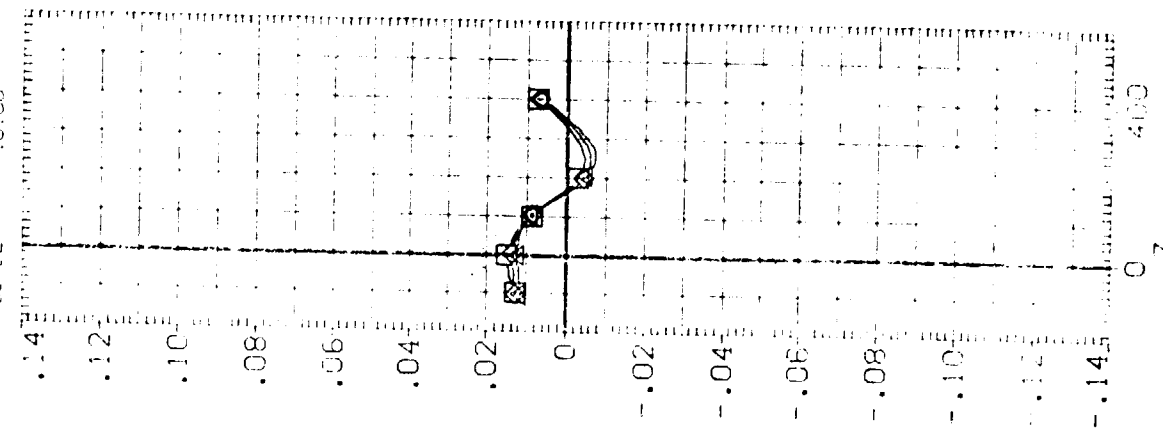
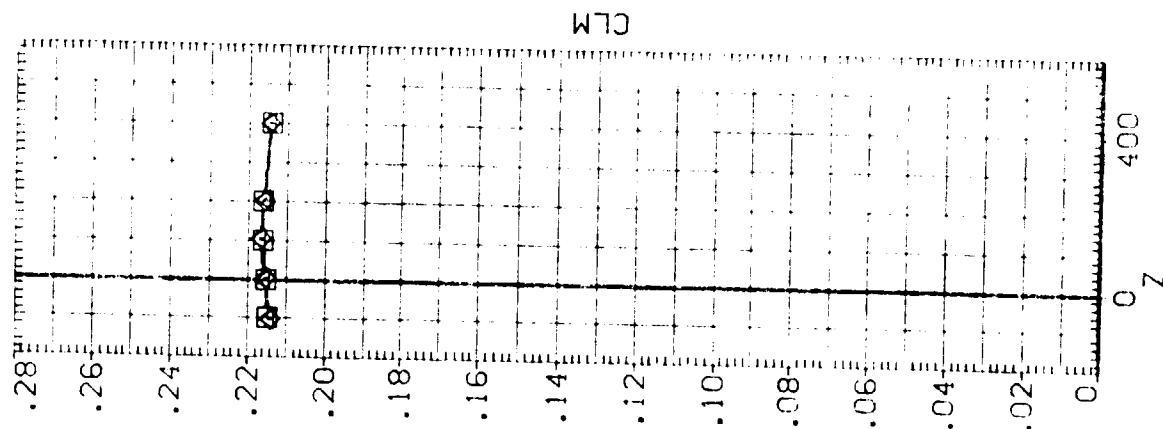
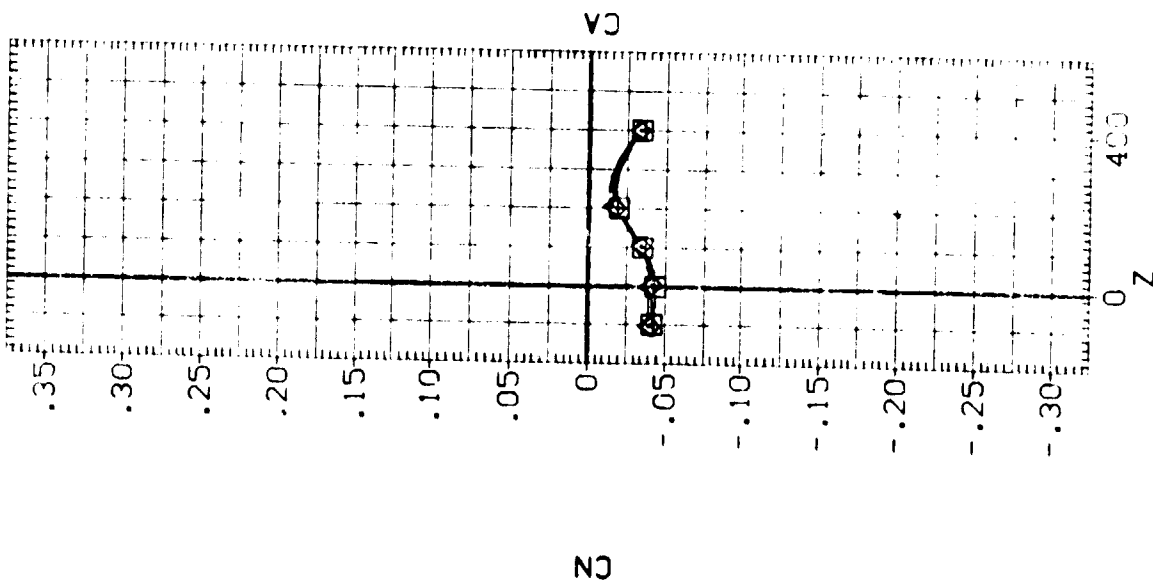


FIG. 2. O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y = 400.00

DATA SET SYMBOL: CONFIGURATION DESCRIPTION: REFERENCE INFORMATION: SO. FT. INCHES

(RTJ305) AERO VAE2811A971-01ET151-0RB/ET 1 1/4 SRB SEPAR. 4.1520 2590.0000 1290.3000

(RTJ269) AERO VAE2811A971-01ET151-0RB/ET 1 1/4 SRB SEPAR. 4.1520 1290.3000 1290.3000

(RTJ275) AERO VAE2811A971-01ET151-0RB/ET 1 1/4 SRB SEPAR. 4.1520 1290.3000 1290.3000

(RTJ281) DATA NOT AVAILABLE 4.1520 1290.3000 1290.3000

MAC- X Y Z

4.1520 0.000 0.000 0.000

4.1520 0.000 0.000 0.000

4.1520 0.000 0.000 0.000

4.1520 0.000 0.000 0.000

ZMRP 450.0000 1290.3000 1290.3000

SCALE 0.000

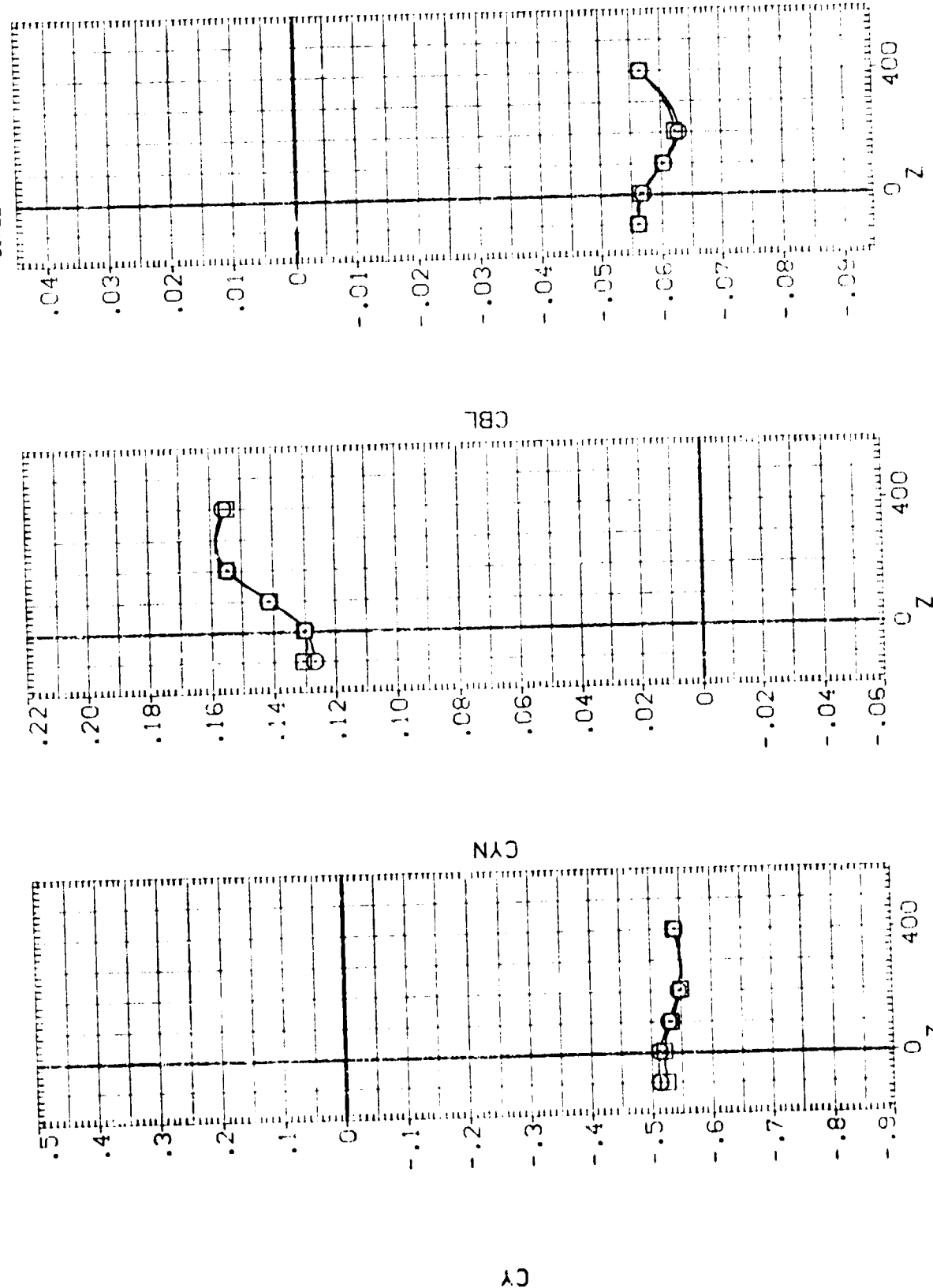


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-5.7)





DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU205) DATA NOT AVAILABLE

(RTU269) AEDC VAS28(A87)-CJET(S)-SRB/ET V R/H SRB SEPAR

(RTU275) AEDC VAS28(A87)-CJET(S)-SRB/ET V R/H SRB SEPAR

(RTU281) AEDC VAS28(A87)-CJET(S)-SRB/ET V R/H SRB SEPAR

DBETA X MACH REFERENCE INFORMATION

5.200 4.000 4.520 SREF 2600 (X10) SD.FT

5.200 4.000 4.520 REF 2600 (X10) NC-ES

5.200 4.000 4.520 BASE 2600 (X10) NC-ES

5.200 4.000 4.520 VARP 450 (X100) IN X

5.200 4.000 4.520 SCALE 10100 IN Y

5.200 4.000 4.520 IN Z

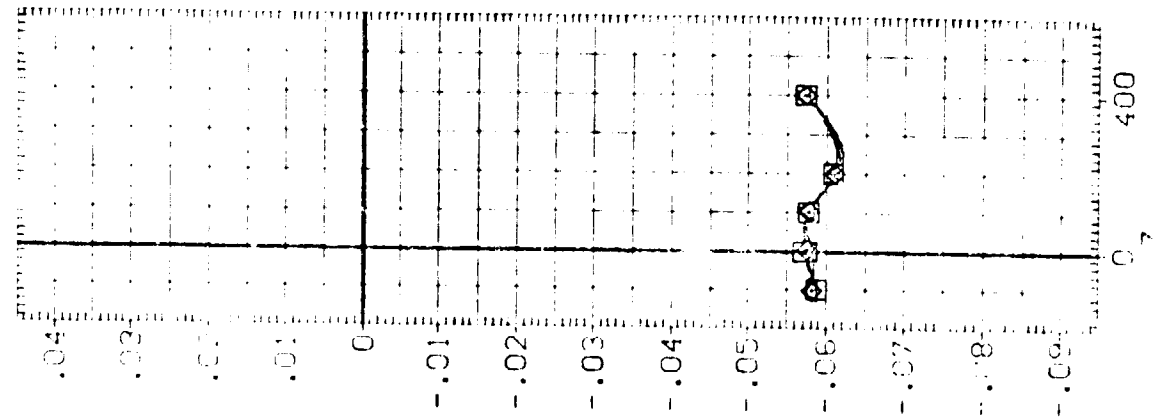
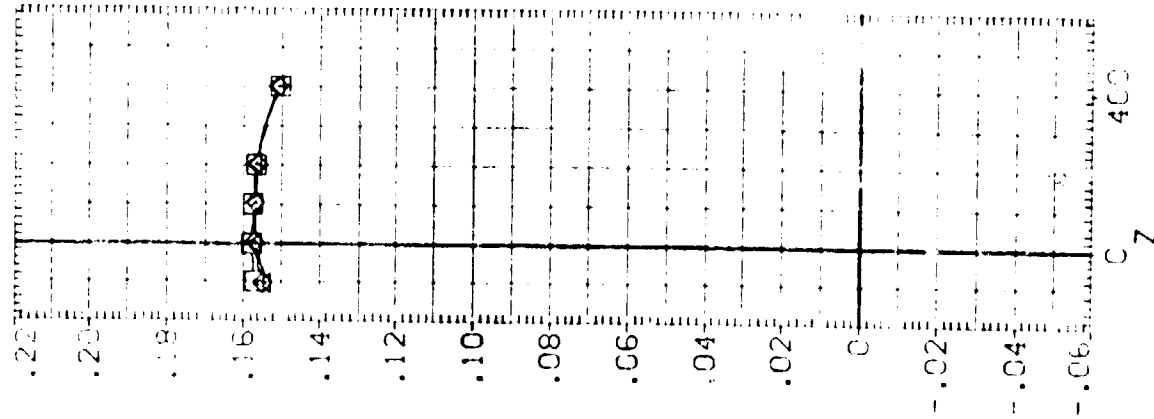
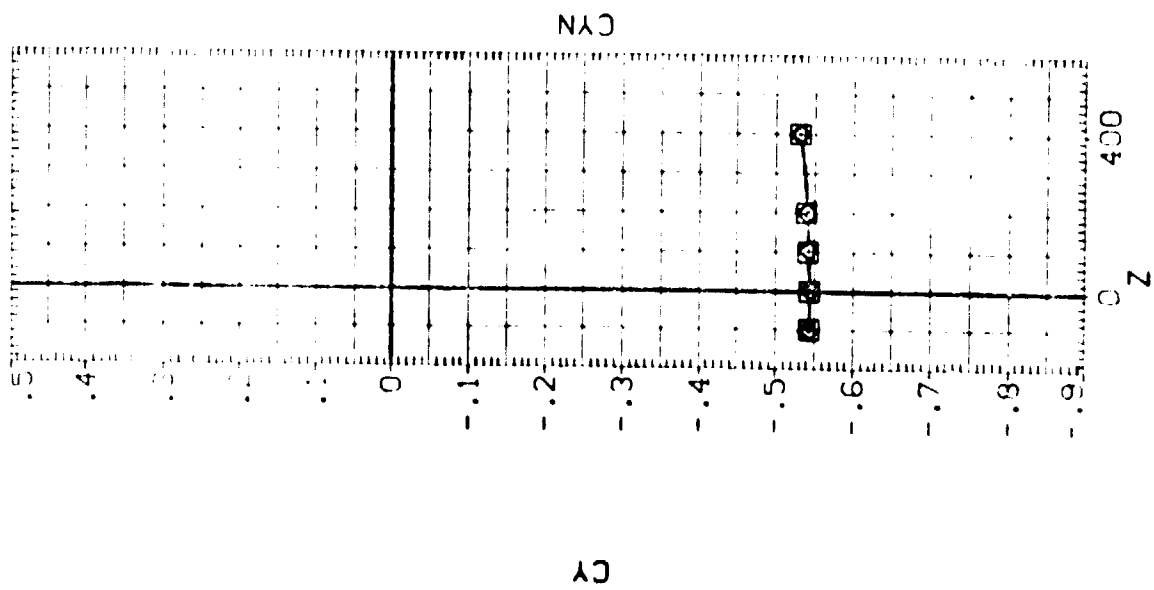


FIG 20 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=10.0)

(D)Y =400.00

DATA SET SYMBOL: (RTU304) (RTU268) (RTU274) (RTU280)

CONFIGURATION DESCRIPTION: AERO VAS 281 ABT 3101 ET 151 ORB/ET 15 R/H SRB SEPAR. AERO VAS 281 ABT 3101 ET 151 ORB/ET 15 R/H SRB SEPAR. DATA NOT AVAILABLE DATA NOT AVAILABLE

ALPHA: 5.200 5.200 5.200 5.200

DBETA: 4.000 4.000 4.000 -8.000

MACH: 4.500 4.500 4.500 4.500

REFERENCE INFORMATION: SREF 2690.0000 50 FT. SREF 1290.3000 INCHES SREF 1290.3000 INCHES SREF 1097.0000 IN. YZ YMRP 450.0000 IN. YZ ZMRP 450.0000 IN. YZ SCALE .0100

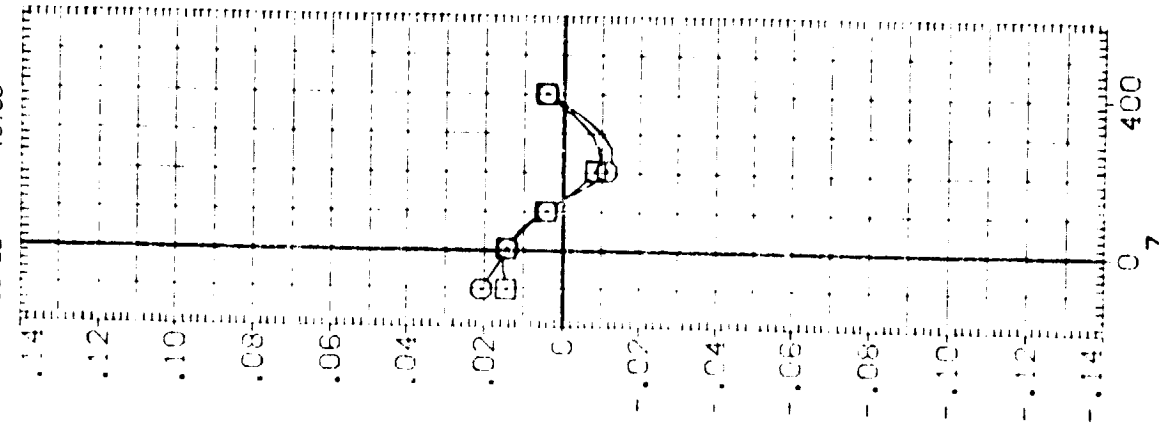
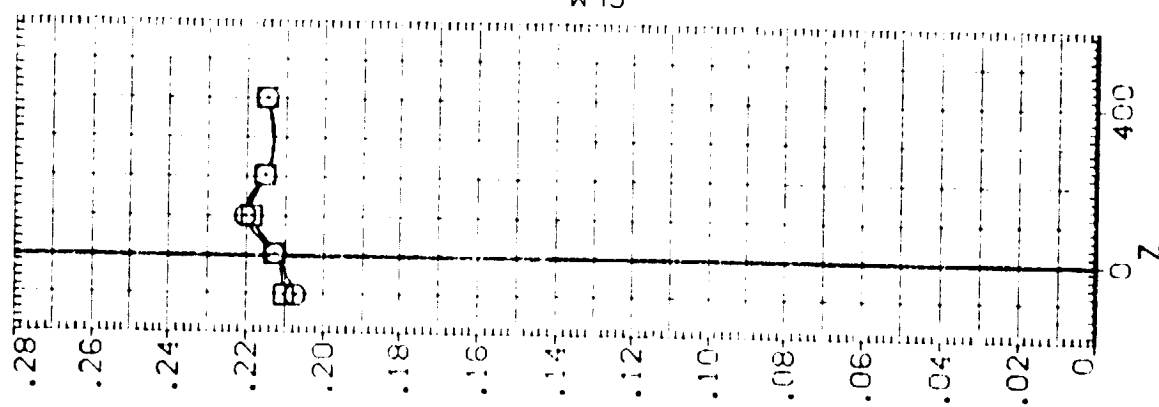
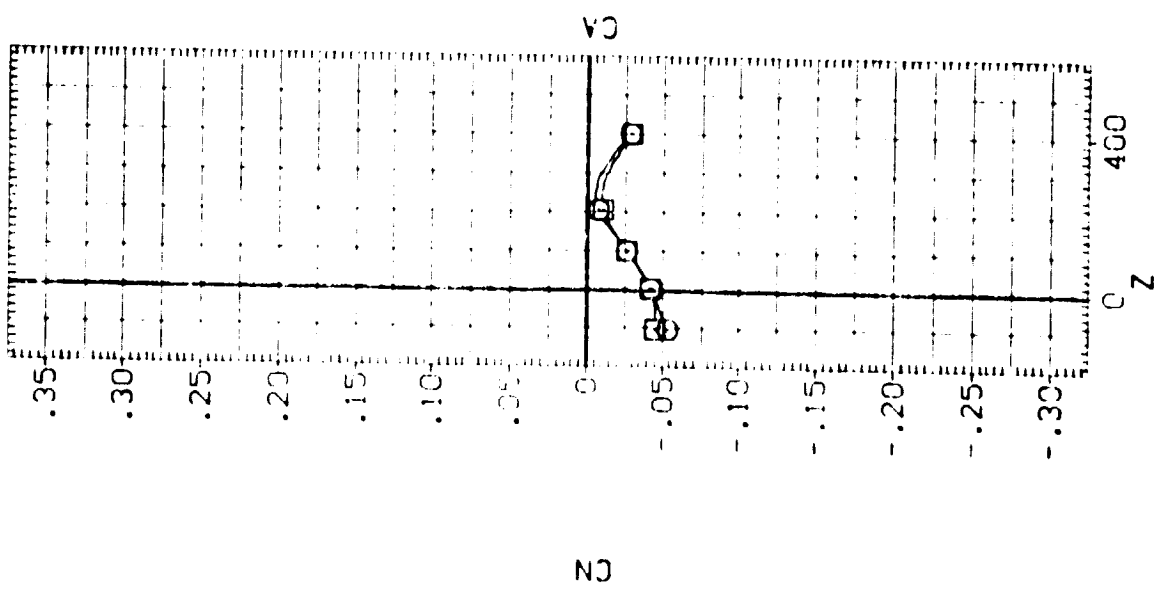


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00



# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU004)  
(RTU068)  
(RTU074)  
(RTU080)

DATA NOT AVAILABLE  
AERO (75-10) (80-10) (85-10) (90-10)  
AERO (75-10) (80-10) (85-10) (90-10)

SRB SEPAR  
SRB SEPAR  
SRB SEPAR  
SRB SEPAR

CALPHA DELTA X  
5.200 4.000  
5.200 4.000  
5.200 4.000  
5.200 4.000

MACH  
4.520  
4.520  
4.520  
4.520

REFERENCE INFORMATION  
SREF 2590.0000 SQ FT  
LREF 1295.0000 INCHES  
BREF 259.0000 INCHES  
AMOD 1597.0000 N Y  
YMOD 450.0000 N Y  
ZMOD 450.0000 N Y  
SCALE 0.00

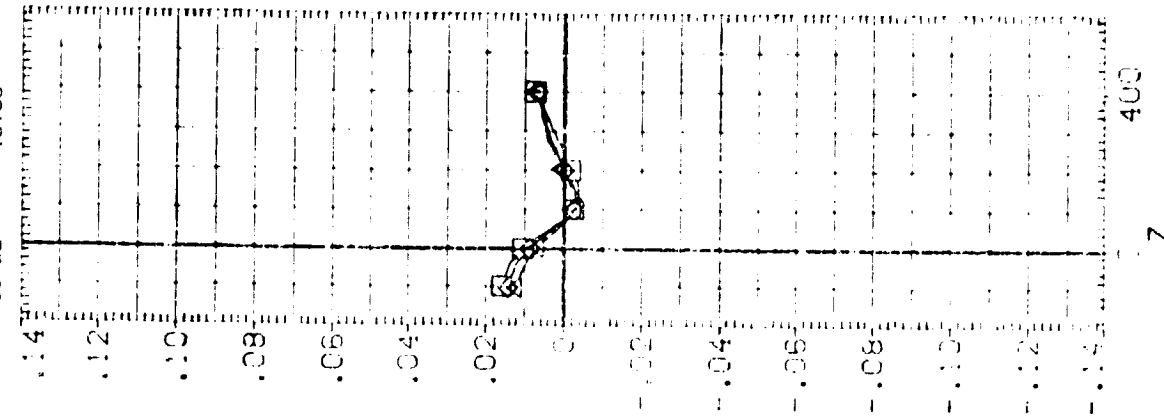
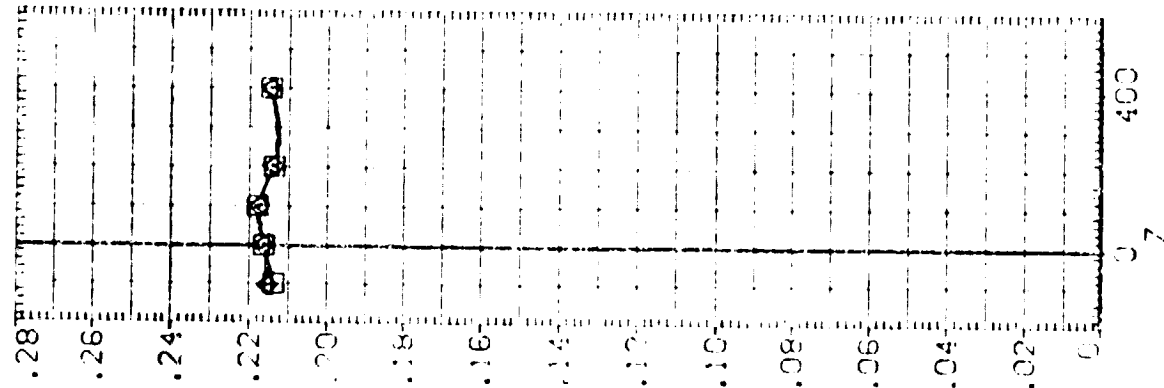
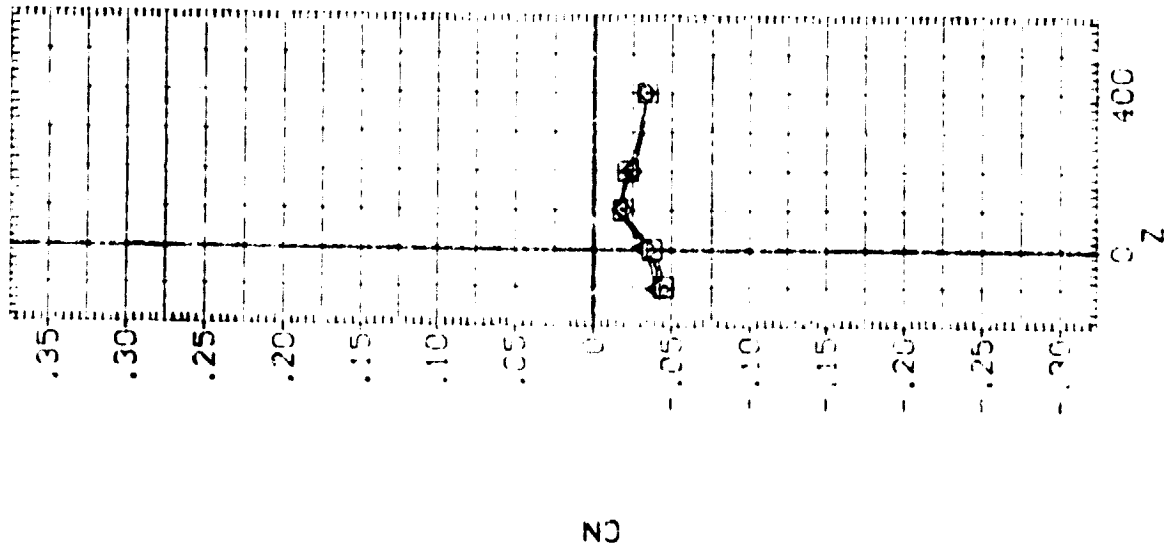


FIG.28 O/EET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00



C-11

DATA SET SYMBOL  
 (RTU304)  
 (RTU268)  
 (RTU274)  
 (RTU280)

CONFIGURATION DESCRIPTION  
 DATA NOT AVAILABLE  
 AEDC/VAS28(1A87)-01ETISI-OR8/ET  
 AEDC/VAS28(1A87)-01ETISI-OR8/ET  
 AEDC/VAS28(1A87)-01ETISI-OR8/ET

DALPHA DBETA X MACH REFERENCE INFORMATION  
 5.200 4.000 300.000 4.120 SRREF 2600 0000 SG 1.1  
 5.200 4.000 300.000 4.120 LREF 1200 3000 1.1  
 5.200 4.000 300.000 4.120 BREF 1200 3000 1.1  
 5.200 4.000 300.000 4.120 YMRP 1000 0000 1.1  
 5.200 4.000 300.000 4.120 ZMRP 1000 0000 1.1  
 SCALE 110

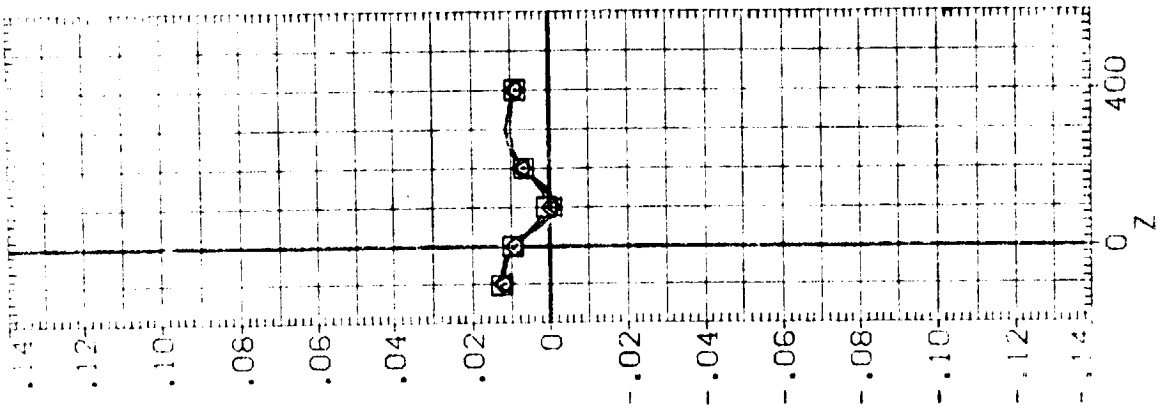
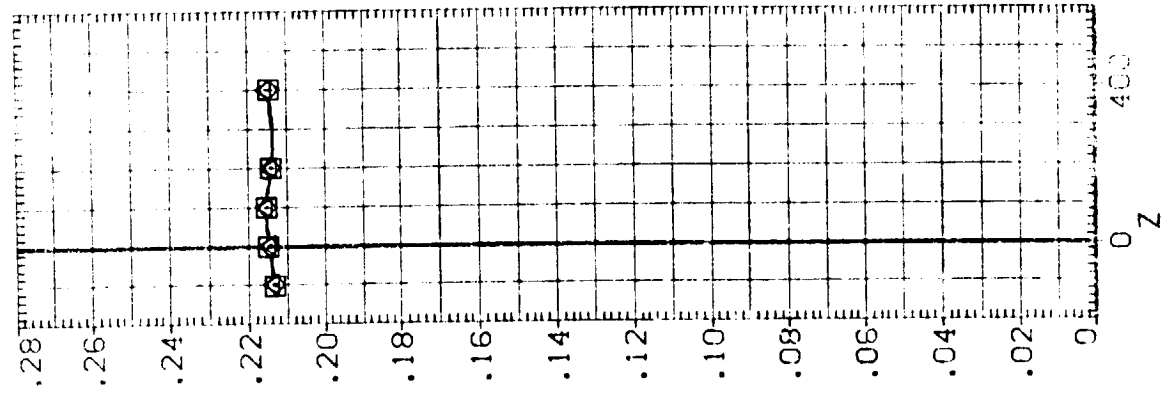
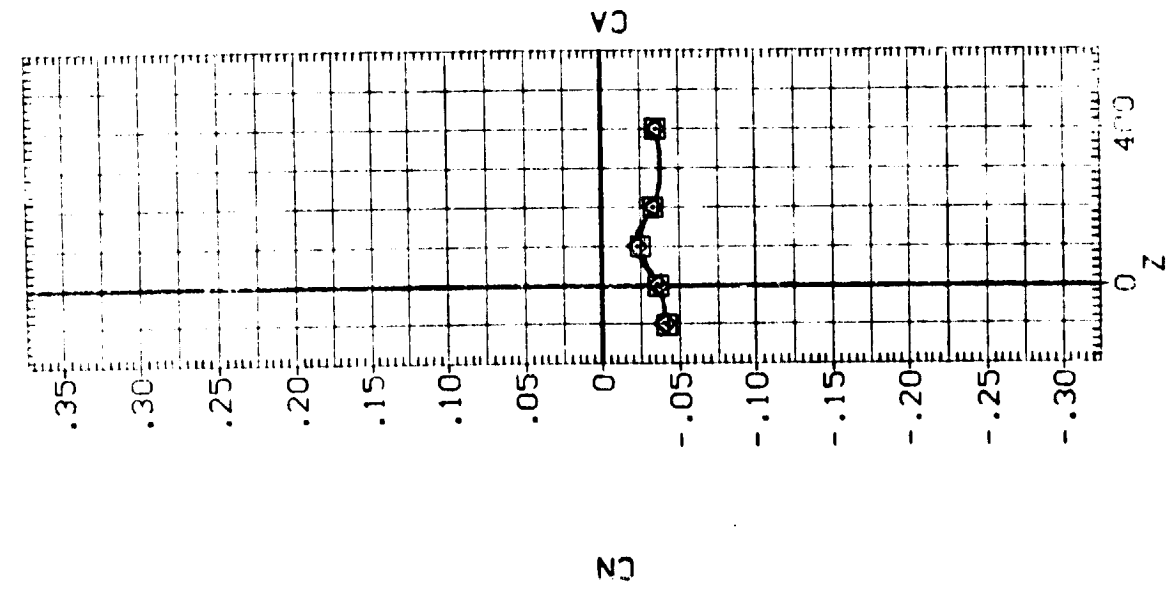


FIG.23 0/ET AERO CONTACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)  
 (D)Y =400.00

DATA SET SYMBOL: (RTU304) (RTU268) (RTU274) (RTU280)

CONFIGURATION DESCRIPTION: AEDC/VAS2611A871-01ETIS1-068/ET V R/H SRB SEPAR. AEDC/VAS2611A871-01ETIS1-068/ET V R/H SRB SEPAR. DATA NOT AVAILABLE DATA NOT AVAILABLE

REFERENCE INFORMATION: SRP 2690.0000 SQ.FT. LREF 1290.3000 INCHES BREF 1290.3000 INCHES XMRP 1097.0000 IN. XT YMRP 450.0000 IN. YT SCALE .0100

MACH: 4.520 4.520 4.520 4.520

DALPHA: 5.200 5.200 5.200 5.200

DBETA: 4.000 4.000 4.000 4.000

X: 300.000 300.000 300.000 300.000

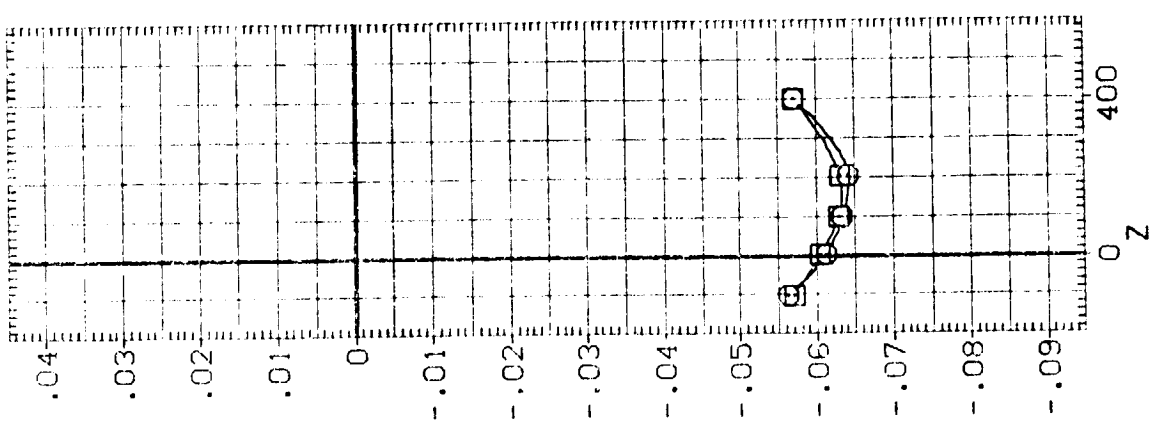
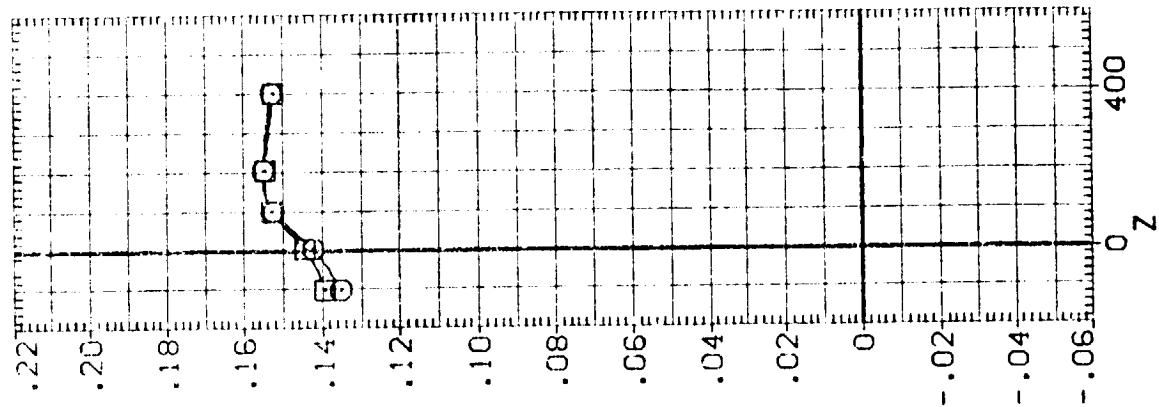
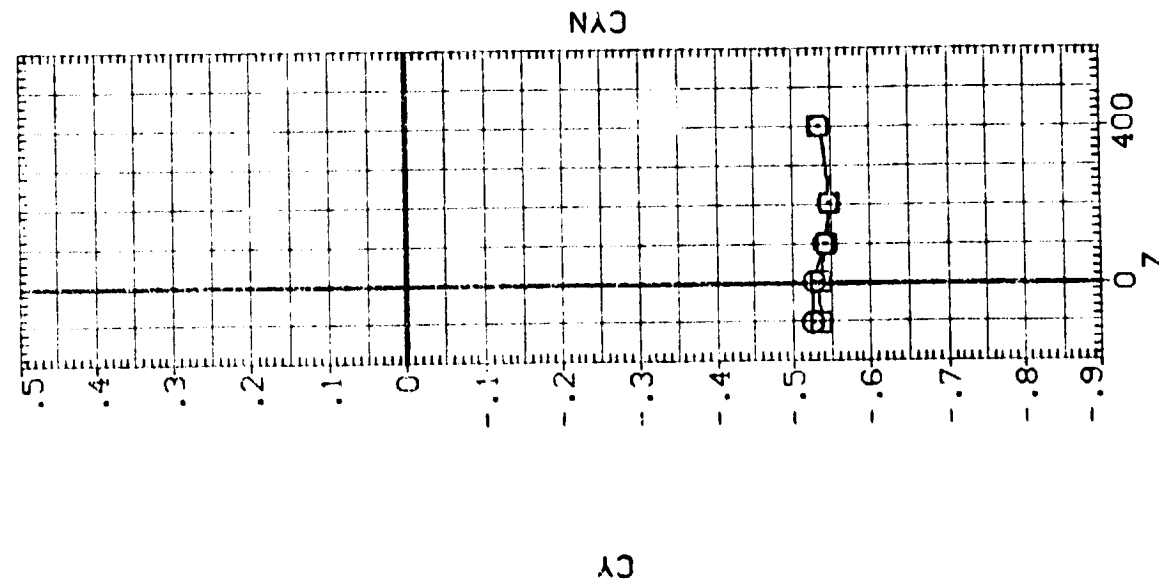


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(A)Y = 10.00

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(RTU304)      AEDC/VA528(1A87)-01ETIS1-ORB/ET V R/H SRB SEPAR.

(RTU268)      AEDC/VA528(1A87)-01ETIS1-ORB/ET V R/H SRB SEPAR.

(RTU274)      AEDC/VA528(1A87)-01ETIS1-ORB/ET V R/H SRB SEPAR.

(RTU280)      DATA NOT AVAILABLE

MAC      REFERENCE INFORMATION

4.520      SREF      2630 0.400      SQ.FT

4.520      LREF      1290 3.000      INCHES

4.520      BREF      280 3.000      INCHES

4.520      XMRD      1087 0.000      INCHES

         YMRD      1000 0.000      INCHES

         ZMRD      450 0.000      INCHES

         SCALE      450 0.100

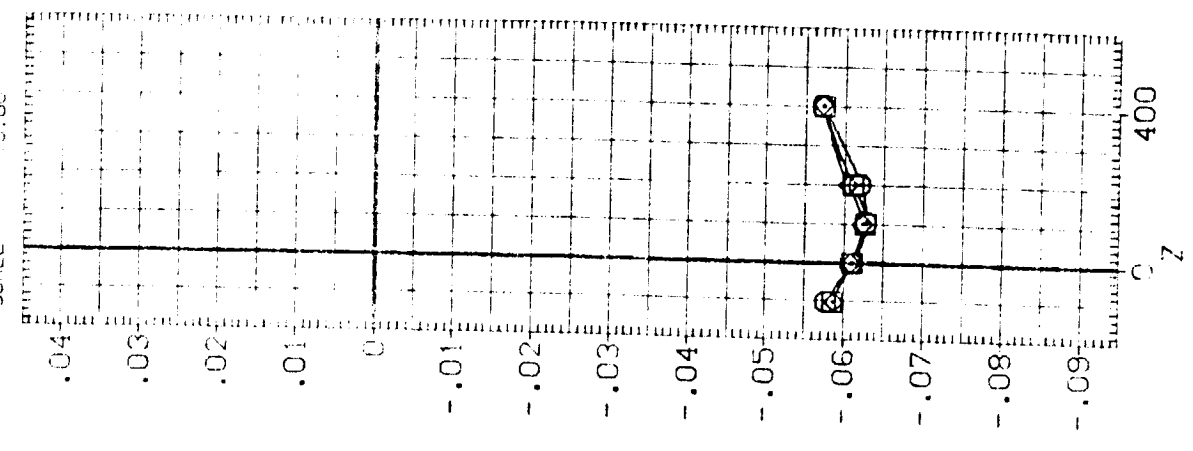
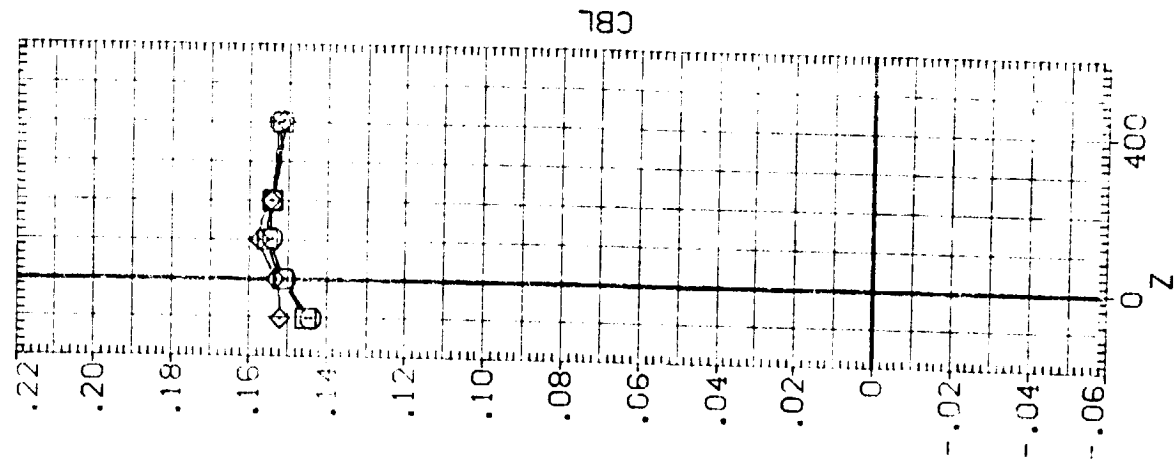
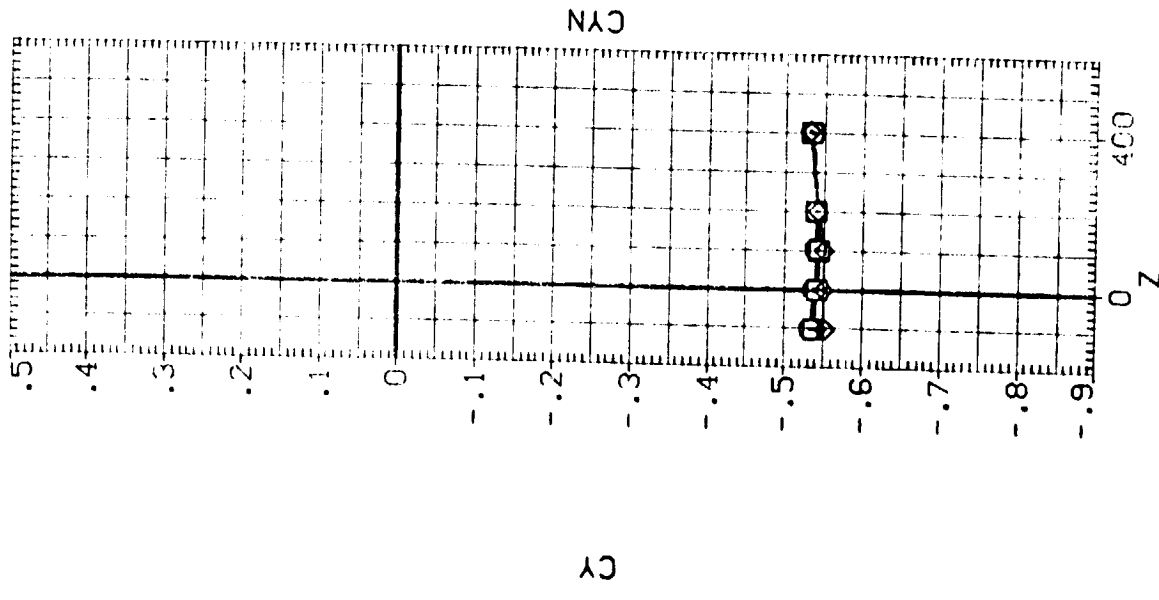


FIG. 29 O/ET AERO CHARACTERISTICS W/RIGHT SRB SEPARATION (ALPHA=15.7) (B)Y = 100.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU304) DATA NOT AVAILABLE  
 (RTU268) AEDC/VAS28(1A87)-O1ET1S1-CRB/ET V R/H SRB SEPAR.  
 (RTU274) AEDC/VAS28(1A87)-O1ET1S1-CRB/ET V R/H SRB SEPAR.  
 (RTU280) AEDC/VAS28(1A87)-O1ET1S1-CRB/ET V R/H SRB SEPAR.

DALPHA DBETA X MACH  
 5.200 4.000 300.000 4.520  
 5.200 .000 300.000 4.520  
 5.200 -4.000 300.000 4.520  
 5.200 -8.000 300.000 4.520

REFERENCE INFORMATION  
 SREF 2690.0000 SQ.FT.  
 LREF 1290.3000 INCHES  
 BREF 290.3000 INCHES  
 XMRP 1097.0000 IN. XT  
 YMRP .0000 IN. YT  
 ZMRP 450.0000 IN. ZT  
 SCALE .0100

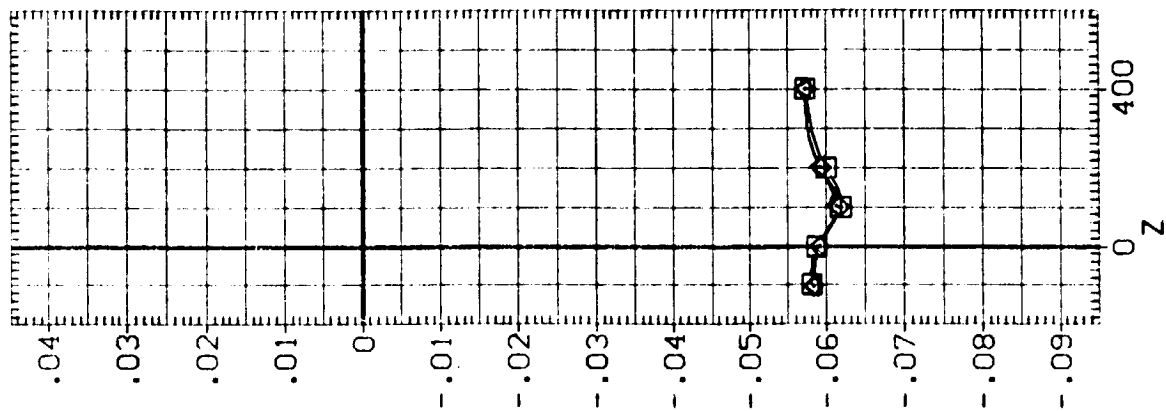
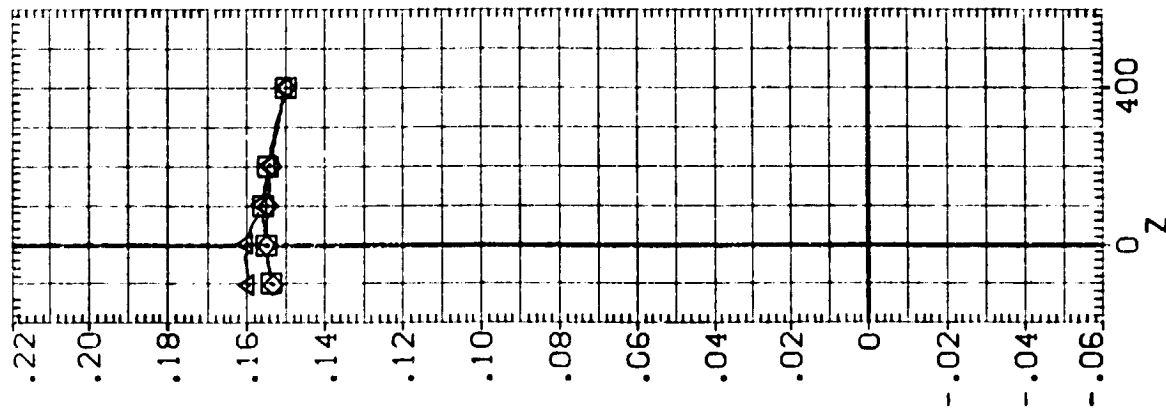
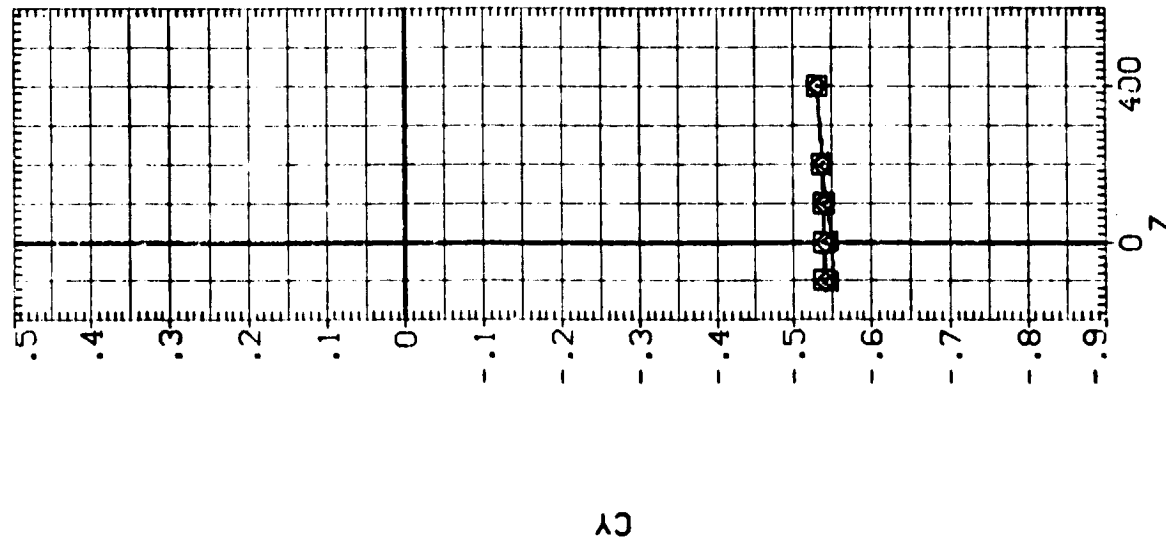


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)

(C)Y =200.00

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(RTU304)  
 (RTU268)  
 (RTU274)  
 (RTU280)

DATA NOT AVAILABLE  
 AEDC/VA528(1A87)-01ET:SI-0RB/ET  
 AEDC/VA528(1A87)-01ET:SI-0RB/ET  
 AEDC/VA528(1A87)-01ET:SI-0RB/ET

V R/H SRB SEPAR.  
 V R/H SRB SEPAR.  
 V R/H SRB SEPAR.

DALPHA  
 5.200  
 5.200  
 5.200

DBETA  
 4.000  
 .000  
 -8.000

X  
 300.000  
 300.000  
 300.000

MACH  
 4.520  
 4.520  
 4.520

REFERENCE INFORMATION  
 SREF 2090.0000  
 LREF 1290.3610  
 BREF 1290.3610  
 XMRD 1297.0000  
 YMRD 1297.0000  
 ZMRD 1297.0000  
 SCALE 1.0100

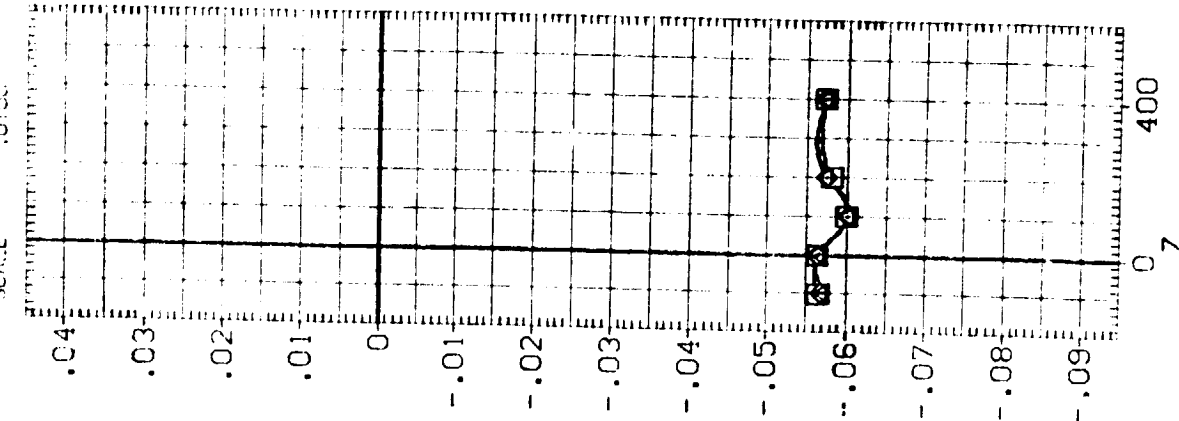
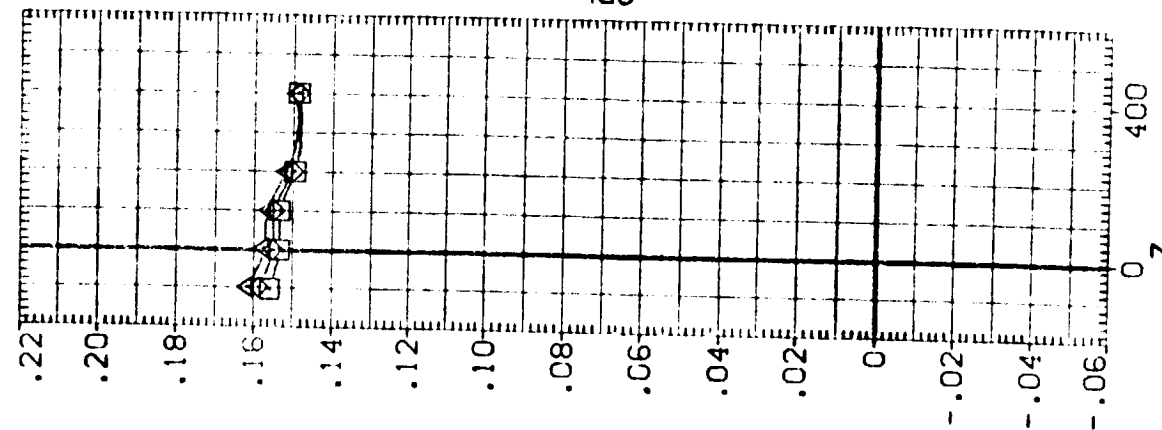
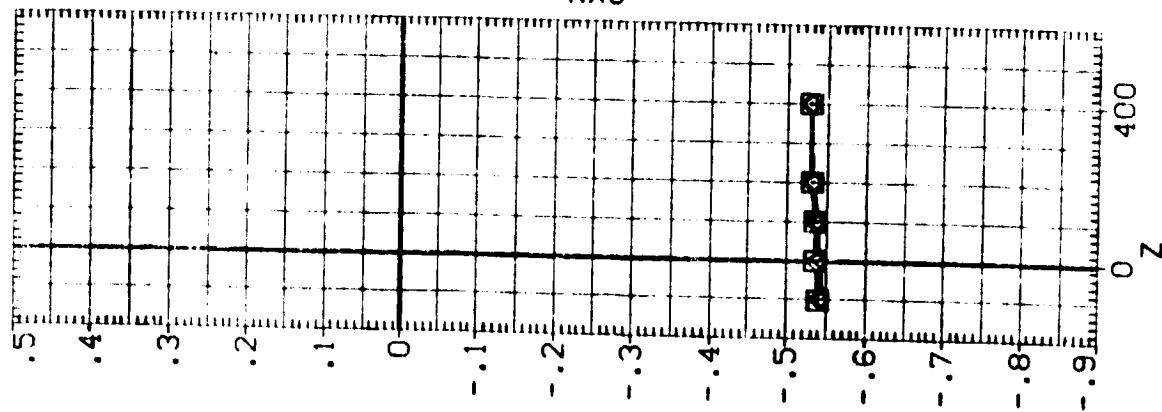


FIG.28 O/ET AERO CHARACT W/RIGHT SRB SEPARATING (ALPHA=-.5 BETA=15.7)  
 (O)Y =400.00